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# **International Energy Statistical Review**

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## World Crude Oil Production, Excluding Natural Gas Liquids

Thousand b/d

	1979	1980	1981	1982	Preliminary	
					1983	
					Jul	Aug
<b>World</b>	<b>62,581</b>	<b>59,469</b>	<b>55,818</b>	<b>53,053</b>	<b>53,031</b>	
<b>Non-Communist Countries</b>	<b>48,647</b>	<b>45,244</b>	<b>41,593</b>	<b>38,803</b>	<b>38,141</b>	
Western hemisphere	15,303	15,584	15,828	16,112	15,859	
United States	8,550	8,597	8,572	8,658	8,695	8,648
Argentina	473	487	496	484	472	485
Brazil	166	181	215	256	329	330
Canada	1,496	1,424	1,285	1,270	1,214	1,515
Colombia	124	125	125	140	150	152
Ecuador	214	204	211	211	225	261
Mexico	1,461	1,937	2,312	2,749	2,687	2,774
Peru	195	195	194	196	168	175
Trinidad and Tobago	215	211	240	181	160	155
Venezuela	2,356	2,165	2,108	1,893	1,695	1,730
Other	53	58	70	74	64	
Eastern hemisphere	33,344	29,660	25,765	22,691	22,282	
Western Europe	2,270	2,441	2,618	2,954	3,338	
Norway	403	528	501	518	657	561
United Kingdom	1,568	1,619	1,811	2,094	2,280	2,290
West Germany	95	93	89	82	81	
Other	204	201	217	260	325	
Middle East	21,558	18,403	15,752	12,664	11,308	
Bahrain	50	48	44	44	40	
Iran	3,168	1,662	1,381	2,282	2,800	2,500
Iraq	3,477	2,514	993	972	1,000	1,000
Israel	31	1	1	1	1	
Kuwait <sup>a</sup>	2,213	1,389	947	663	850	950
Neutral Zone <sup>b</sup>	568	544	370	317	468	460
Oman	295	282	319	322	386	401
Qatar	508	471	405	328	298	265
Saudi Arabia <sup>a</sup>	9,251	9,631	9,625	6,327	5,300	5,800
Syria	166	159	167	160	165	
United Arab Emirates	1,831	1,702	1,500	1,248	1,150	1,160
Abu Dhabi	1,463	1,343	1,131	876	800	800
Dubai	354	349	359	359	340	350
Sharjah	14	10	10	13	10	10
Africa	6,636	6,083	4,581	4,465	4,924	
Algeria	1,154	1,020	803	701	700	700
Angola	147	150	130	122	160	
Cameroon	34	58	88	109	122	
Congo	53	63	83	82	87	
Egypt	525	595	598	665	695	708
Gabon	203	175	151	154	170	160
Libya	2,092	1,830	1,137	1,183	1,100	1,100
Nigeria	2,302	2,058	1,445	1,298	1,712	1,300
Tunisia	100	110	118	120	120	
Other	26	24	28	31	58	
Asia-Pacific	2,880	2,733	2,814	2,608	2,712	
Australia	441	380	393	371	413	
India	245	182	325	390	390	
Indonesia	1,591	1,576	1,604	1,314	1,300	1,350
Malaysia	515	518	429	459	525	
Other	88	77	63	74	84	
<b>Communist Countries</b>	<b>13,934</b>	<b>14,225</b>	<b>14,225</b>	<b>14,250</b>	<b>14,890</b>	<b>15,333</b>
USSR	11,400	11,700	11,790	11,800	12,563	12,386
China	2,112	2,118	2,024	2,040	2,107	2,107
Romania	246	230	232	230	240	240
Other	176	177	179	180	180	180

<sup>a</sup> Excluding Neutral Zone production.<sup>b</sup> Production is shared equally between Saudi Arabia and Kuwait.

OAPEC <sup>a</sup> and OPEC <sup>b</sup> Countries: Crude Oil Production, Excluding Natural Gas Liquids

Thousand b/d

	1973	1979	1980	1981	1982	Preliminary	
						1983	
						May	Jun
Total OAPEC (thousand b/d)	18,170	21,567	19,654	16,338	12,356	10,313	10,670
% change from Sep 1973 <sup>c</sup>		7	-3	-19	-39	-49	-47
% change from Feb 1979 <sup>d</sup>		-3	-11	-26	-44	-54	-52
Total OPEC (thousand b/d)	30,957	30,928	26,941	22,680	18,885	16,943	17,336
% change from Sep 1973 <sup>c</sup>		-7	-19	-31	-43	-49	-48
% change from Dec 1976 <sup>e</sup>		-10	-21	-34	-45	-50	-49

<sup>a</sup> The members of the Organization of Arab Petroleum Exporting Countries are Abu Dhabi, Algeria, Bahrain, Egypt, Iraq, Kuwait, Libya, Neutral Zone, Qatar, Saudi Arabia, Syria, and Tunisia. In April 1979 Egypt was suspended from OAPEC membership. For consistency Egyptian crude oil production will, however, continue to be included in the OAPEC total.

<sup>b</sup> The membership of the Organization of Petroleum Exporting Countries consists of OAPEC members (excluding Bahrain, Egypt, Syria, and Tunisia), plus Dubai, Ecuador, Gabon, Indonesia, Iran, Nigeria, Sharjah, and Venezuela.

<sup>c</sup> In Sep 1973, the pre-embargo peak of output, OAPEC countries produced 20,190 b/d and OPEC countries 33,083 b/d.

<sup>d</sup> In Feb 1979, the post-embargo peak of output, OAPEC countries produced 22,207 b/d.

<sup>e</sup> In Dec 1976, the post-embargo peak of output, OPEC countries produced 34,224 b/d.

## OPEC: Crude Oil Productive Capacity

Thousand b/d

	Capacity			Production	
	Installed <sup>a</sup>	Maximum		Latest Post-Embargo Peak	Current
		Sustainable <sup>b</sup>	Available <sup>c</sup>		
Total	41,380	34,740	24,175		
Algeria	1,200	900	900	1,160 (Dec 78)	700 (Jul 83)
Ecuador	250	225	225	260 (May 74)	261 (Jul 83)
Gabon	250	150	150	230 (Dec 77)	160 (Jul 83)
Indonesia	1,800	1,650	1,650	1,625 (Mar 77)	1,350 (Jul 83)
Iran	7,000	5,500 <sup>d e</sup>	3,200	6,680 (Nov 76)	2,500 (Jul 83)
Iraq	4,000	3,500 <sup>e</sup>	1,000	3,500 (Jul 79)	1,000 (Jul 83)
Kuwait <sup>f</sup>	2,900	2,500	1,250	2,990 (Dec 76)	950 (Jul 83)
Libya	2,500	2,100	1,750	2,210 (Mar 77)	1,100 (Jul 83)
Neutral Zone <sup>g</sup>	680	600	600	670 (Dec 76)	460 (Jul 83)
Nigeria	2,500	2,200	2,200	2,440 (Feb 79)	1,300 (Jul 83)
Qatar	650	600	600	610 (Dec 75)	265 (Jul 83)
Saudi Arabia <sup>f</sup>	12,500 <sup>h</sup>	10,000	7,000	10,300 (Aug 81)	5,800 (Jul 83)
United Arab Emirates	2,550	2,415	1,450		
Abu Dhabi	2,150	2,035	1,070	1,830 (Jul 75)	800 (Jul 83)
Dubai	390	370	370	370 (Jul 79)	350 (Jul 83)
Sharjah	10	10	10	60 (Dec 74)	10 (Jul 83)
Venezuela	2,600	2,400	2,200	1,870 (Jul 74)	1,730 (Jul 83)

<sup>a</sup> Installed capacity, also called nameplate or design capacity, includes all aspects of crude oil production, processing, transportation, and storage. Installed capacity is generally the highest capacity estimate.

<sup>b</sup> Maximum sustainable or operational capacity is the maximum production rate that can be sustained for several months; it considers the experience of operating the total system and is generally some 90-95 percent of installed capacity. This capacity concept does not necessarily reflect the maximum production rate sustainable without damage to the fields.

<sup>c</sup> Available or allowable capacity reflects production ceilings announced by individual members. Iraqi capacity is limited by restrictions placed on exports as a result of the Iraq-Iran war and the closure of the Iraq-Syria pipeline.

<sup>d</sup> The precise loss in sustainable capacity remains uncertain.

<sup>e</sup> Prior to Iraq-Iran war.

<sup>f</sup> Excluding share of capacity in the Neutral Zone, shown separately.

<sup>g</sup> Capacity and production is shared about equally between Kuwait and Saudi Arabia.

<sup>h</sup> In Saudi Arabia, the concept of "facility," rather than "installed" capacity, is used. Facility capacity refers to the total installed capacity of gas-oil separating plants, main trunk pipelines, and oil-load terminals; it does not include the capacity of salt water-oil separators or flow lines.

OPEC: Oil Consumption <sup>a</sup>

	Thousand b/d								
	1975	1976	1977	1978	1979	1980	1981	1982 <sup>b</sup>	1983 <sup>c</sup>
<b>OPEC</b>	<b>1,709</b>	<b>1,960</b>	<b>2,215</b>	<b>2,416</b>	<b>2,586</b>	<b>2,860</b>	<b>2,987</b>	<b>3,250</b>	<b>3,461</b>
Algeria	70	83	94	95	116	120	127	138	145
Ecuador	39	44	51	62	72	75	82	89	97
Gabon	10	12	15	15	10	12	13	14	15
Indonesia	224	249	297	346	367	405	448	458	475
Iran	472	531	589	591	567	586	488	530	572
Iraq	104	121	138	162	185	207	212	228	246
Kuwait <sup>d</sup>	94	102	103	110	125	110	127	153	169
Libya	51	56	67	74	87	93	101	110	118
Nigeria	69	91	113	136	156	174	200	208	217
Qatar	5	6	8	8	9	9	11	12	12
Saudi Arabia <sup>d</sup>	286	354	402	439	484	594	668	775	844
UAE	26	32	48	56	58	82	102	110	118
Venezuela	259	279	290	322	350	393	408	425	433

<sup>a</sup> Including domestic refined product consumption, refinery fuels and losses, and bunkers. Excluding LPG consumption. Oil consumption data for OPEC countries vary considerably among sources. Individual country source material offered the most comprehensive data. Where detailed country sources were lacking, OAEPC, OPEC, and other statistical sources were utilized. Department of Energy data were used for bunker sales and refinery fuels and losses.

<sup>b</sup> Preliminary

<sup>c</sup> Estimated

<sup>d</sup> Including Neutral Zone consumption shared between Saudi Arabia and Kuwait.

Estimated Imports of Crude Oil and Refined Products  
1982

	Thousand b/d										
	US	Japan	Canada	Western Europe	West Germany	France	UK	Italy	Netherlands	Spain	Other Western Europe
Algeria	170	41	20	566	111	159	22	109	62	54	49
Bahrain	0	14	0	3	1	Negl.	0	1	1	0	Negl.
Egypt	42	7	11	207	23	26	23	109	8	2	16
Iraq	3	62	0	417	16	30	21	114	7	58	171
Kuwait	5	124	Negl.	186	12	18	15	73	47	13	8
Libya	26	2	1	906	226	50	46	219	39	81	245
Qatar	7	139	0	129	8	41	5	28	9	18	20
Saudi Arabia	552	1,729	53	2,378	344	552	193	389	118	204	578
Syria	1	0	0	0	0	0	0	0	0	0	0
United Arab Emirates	92	573	2	363	46	131	37	35	28	54	32
<b>OAEPC</b>	<b>898</b>	<b>2,691</b>	<b>87</b>	<b>5,155</b>	<b>787</b>	<b>1,007</b>	<b>362</b>	<b>1,077</b>	<b>319</b>	<b>484</b>	<b>1,119</b>
Ecuador	42	0	0	2	0	0	0	1	1	0	0
Gabon	40	0	0	53	6	24	3	1	13	4	2
Indonesia	248	619	0	6	Negl.	1	1	2	0	0	2
Iran	35	216	8	842	45	74	51	258	143	132	139
Nigeria	514	0	4	536	133	133	35	65	47	16	107
Venezuela	412	33	103	314	44	28	30	103	17	40	52
<b>OPEC<sup>a</sup></b>	<b>2,146</b>	<b>3,538</b>	<b>191</b>	<b>6,698</b>	<b>991</b>	<b>1,241</b>	<b>459</b>	<b>1,397</b>	<b>531</b>	<b>674</b>	<b>1,405</b>
Canada	...	Negl.	...	14	Negl.	0	3	1	7	0	3
Mexico	685	96	52	391	1	59	12	77	35	190	17
Other <sup>b</sup>	1,757	824	120	2,338 <sup>c</sup>	1,208	651	420	466	906	152	1,789
<b>Total</b>	<b>5,113</b>	<b>4,479</b>	<b>374</b>	<b>9,651<sup>c</sup></b>	<b>2,224</b>	<b>1,977</b>	<b>917</b>	<b>2,051</b>	<b>1,488</b>	<b>1,018</b>	<b>3,230</b>

<sup>a</sup> OAEPC members excluding Bahrain, Egypt, and Syria plus other countries shown.

<sup>b</sup> Includes unknown.

<sup>c</sup> Excluding intra-European trade.

## Selected Developed Countries: Crude Oil Imports, by Source

Thousand b/d									
	Sep 1973 (Pre-Crisis Level)	1980	1981	1982	1983			Percent of Total	
					1st Half	Jul	Aug	Sep 1973	Aug 1983
United States									
Algeria	124	452	253	90	140	249	296	3.6	7.1
Egypt	...	31	33	40	30	11	44	...	1.1
Iraq	17	88	...	3	Negl.	62	Negl.	0.5	Negl.
Kuwait	44	20	...	2	...	...	25	1.3	0.6
Libya	153	546	318	23	...	...	...	4.4	...
Qatar	41	31	22	7	...	...	...	...	...
Saudi Arabia	599	1,247	1,111	530	173	173	393	17.3	9.4
United Arab Emirates <sup>a</sup>	88	179	78	81	12	40	12	2.5	0.3
Other <sup>b</sup>	...	2	6	...	...	...	...	...	...
<b>Total OAPEC</b>	<b>1,066</b>	<b>2,587</b>	<b>1,806</b>	<b>776</b>	<b>355</b>	<b>535</b>	<b>770</b>	<b>30.7</b>	<b>18.4</b>
Ecuador	33	16	36	32	45	72	112	0.9	2.7
Gabon	...	25	35	40	46	33	93	...	2.2
Indonesia	249	307	319	226	254	422	399	7.2	9.6
Iran	205	7	...	35	20	112	213	5.9	5.1
Nigeria	409	831	612	510	223	525	464	11.8	11.1
Venezuela	405	154	150	155	134	166	190	11.7	4.6
<b>Total OPEC <sup>c</sup></b>	<b>2,367</b>	<b>3,894</b>	<b>2,919</b>	<b>1,734</b>	<b>1,047</b>	<b>1,854</b>	<b>2,197</b>	<b>68.2</b>	<b>52.6</b>
Canada	998	199	164	214	250	330	301	28.8	7.2
Mexico	8	504	471	645	807	810	825	0.2	19.8
UK	...	174	368	441	338	346	437	...	10.5
Norway	...	141	114	102	76	103	52	...	1.2
Other <sup>d</sup>	98	275	331	312	345	414	318	2.8	7.6
<b>Total</b>	<b>3,471</b>	<b>5,220</b>	<b>4,406</b>	<b>3,488</b>	<b>2,893</b>	<b>3,868</b>	<b>4,174</b>	<b>100.0</b>	<b>100.0</b>

Thousand b/d									
	Sep 1973 (Pre- Crisis Level)	1980	1981	1982	1983			Percent of Total	
					1st Qtr	Jun	Jul	Sep 1973	Jul 1983
Canada									
Algeria	...	...	17	21	29	16	32	...	9.9
Egypt	...	...	...	...	...	...	...	...	...
Iraq	23	19	Negl.	...	...	...	...	2.4	...
Kuwait	...	12	12	Negl.	...	...	...	...	...
Libya	56	5	8	1	...	...	...	6.0	...
Qatar	...	...	...	...	...	...	...	...	...
Saudi Arabia	82	216	170	54	19	...	...	8.7	...
United Arab Emirates <sup>a</sup>	49	8	3	2	...	...	...	5.2	...
Other <sup>b</sup>	...	...	...	...	...	...	...	...	...
<b>Total OAPEC</b>	<b>210</b>	<b>260</b>	<b>210</b>	<b>78</b>	<b>48</b>	<b>16</b>	<b>32</b>	<b>22.3</b>	<b>9.9</b>
Ecuador	13	...	...	...	...	...	...	1.4	...
Gabon	...	...	...	...	...	...	...	...	...
Indonesia	...	...	...	...	...	...	...	...	...
Iran	149	45	1	...	9	18	31	15.9	9.6
Nigeria	39	3	4	4	21	...	16	4.1	5.0
Venezuela	485	171	144	115	96	33	98	51.6	30.3
<b>Total OPEC <sup>c</sup></b>	<b>896</b>	<b>435</b>	<b>358</b>	<b>206</b>	<b>174</b>	<b>67</b>	<b>177</b>	<b>95.3</b>	<b>54.8</b>
Mexico	...	...	58	54	40	59	86	...	26.6
Other <sup>d</sup>	44	122	105	74	43	11	60	4.7	18.6
<b>Total</b>	<b>940</b>	<b>557</b>	<b>521</b>	<b>334</b>	<b>257</b>	<b>137</b>	<b>323</b>	<b>100.0</b>	<b>100.0</b>

**Selected Developed Countries: Crude Oil Imports, by Source**  
(Continued)

Thousand b/d									
	Sep 1973 (Pre-Crisis Level)	1980	1981	1982	1983			Percent of Total	
					1st Half	Jul	Aug	Sep 1973	Aug 1983
Japan									
Algeria	...	27	43	41	35	4	46	...	1.5
Egypt	...	3	5	7	23	27	...	...	...
Iraq	...	340	58	62	18	...	...	...	...
Kuwait	488	174	182	62	63	35	...	10.0	...
Libya	31	22	21	2	...	...	...	0.6	...
Qatar	...	132	139	131	126	146	124	...	4.2
Saudi Arabia	1,148	1,544	1,474	1,468	1,118	1,106	970	23.5	32.5
United Arab Emirates <sup>a</sup>	511	594	538	497	588	446	368	10.5	12.3
Other <sup>b</sup>	...	...	3	...	...	...	...	...	...
<b>Total OAPEC</b>	<b>2,178</b>	<b>2,836</b>	<b>2,463</b>	<b>2,270</b>	<b>1,971</b>	<b>1,764</b>	<b>1,508</b>	<b>44.6</b>	<b>50.6</b>
Ecuador	...	17	26	...	...	...	...	...	...
Gabon	...	...	...	...	...	...	...	...	...
Indonesia	638	625	631	561	521	458	478	13.1	16.0
Iran	1,554	288	135	216	383	189	266	31.9	8.9
Nigeria	101	7	21	...	...	...	...	2.1	...
Venezuela	7	38	42	28	22	9	17	0.1	0.6
<b>Total OPEC <sup>c</sup></b>	<b>4,478</b>	<b>3,808</b>	<b>3,310</b>	<b>3,068</b>	<b>2,874</b>	<b>2,393</b>	<b>2,269</b>	<b>91.8</b>	<b>76.1</b>
Mexico	...	25	72	96	148	62	72	...	2.4
Other <sup>d</sup>	400	537	529	486	499	525	640	8.2	21.5
<b>Total</b>	<b>4,878</b>	<b>4,373</b>	<b>3,919</b>	<b>3,657</b>	<b>3,544</b>	<b>3,007</b>	<b>2,981</b>	<b>100.0</b>	<b>100.0</b>

Thousand b/d									
Sep 1973									
(Pre-Crisis Level)									
1980									
1981									
1982									
1983									
1st Half									
Jun									
Jul									
Percent of Total									
Sep 1973									
Jul 1983									
United Kingdom									
Abu Dhabi	28	48	42	22	8	...	...	1.5	...
Algeria	46	8	7	6	2	...	16	2.4	3.2
Egypt	...	57	30	51	...	...	16	...	3.2
Iraq	67	108	8	10	5	...	...	3.5	...
Kuwait	293	112	81	4	...	...	...	15.3	...
Libya	98	2	6	38	14	31	16	5.1	3.2
Qatar	73	7	1	4	...	...	...	3.8	...
Saudi Arabia	530	366	347	167	79	195	111	27.6	22.5
Other <sup>b</sup>	...	...	...	3	3	...	...	...	...
Total OAPEC	1,135	708	522	305	111	226	159	59.2	32.2
Dubai	48	9	...	5	...	...	...	2.5	...
Ecuador	...	...	...	...	...	...	...	...	...
Gabon	...	1	6	4	5	15	16	...	3.2
Indonesia	...	...	...	1	7	1	...	...	...
Iran	317	17	25	32	11	...	...	16.5	...
Nigeria	188	9	2	34	36	17	43	9.8	8.7
Venezuela	66	26	23	24	24	23	27	3.4	5.5
Total OPEC <sup>c</sup>	1,754	713	548	348	191	282	229	91.5	46.4
Mexico	...	6	8	9	13	32	19	...	3.8
Norway	NA	51	62	61	104	58	146	...	29.6
Other <sup>d</sup>	163	117	88	94	101	95	84	8.5	17.0
Total	1,917	893	736	565	412	467	494	100.0	100.0



**Selected Developed Countries: Crude Oil Imports, by Source**  
(Continued)

Thousand b/d										
	Sep 1973 (Pre-Crisis Level)	1980	1981	1982	1983				Percent of Total	
					1st Half	Jul	Aug	Sep	Sep 1973	Sep 1983
West Germany										
Algeria	239	126	118	84	76	58	41	83	10.4	5.9
Egypt	...	5	10	21	21	16	...	...	...	...
Iraq	43	57	4	16	31	4	32	14	1.9	1.0
Kuwait	102	16	12	...	2	9	19	11	4.4	0.8
Libya	418	296	208	220	195	218	178	181	18.2	12.8
Qatar	18	4	6	8	...	23	...	32	0.8	2.3
Saudi Arabia	710	490	511	338	133	112	157	223	30.9	15.7
United Arab Emirates <sup>a</sup>	162	128	72	46	29	38	49	2	7.1	0.1
Other <sup>b</sup>	26	8	11	9	9	16	24	7	1.1	0.5
<b>Total OAPEC</b>	<b>1,718</b>	<b>1,130</b>	<b>952</b>	<b>742</b>	<b>496</b>	<b>494</b>	<b>500</b>	<b>553</b>	<b>74.8</b>	<b>39.0</b>
Ecuador	...	...	...	...	...	...	...	...	...	...
Gabon	32	16	7	4	2	...	...	...	1.4	...
Indonesia	...	...	Negl.	Negl.	...	...	...	...	...	...
Iran	248	115	30	46	39	55	64	70	10.8	4.9
Nigeria	168	219	103	133	134	157	214	176	7.3	12.4
Venezuela	42	29	29	40	117	46	88	124	1.8	8.7
<b>Total OPEC <sup>c</sup></b>	<b>2,182</b>	<b>1,496</b>	<b>1,100</b>	<b>935</b>	<b>767</b>	<b>720</b>	<b>842</b>	<b>916</b>	<b>95.0</b>	<b>64.6</b>
UK	...	292	321	307	323	332	188	256	...	18.0
Norway	Negl.	61	56	49	82	25	93	89	Negl.	6.3
Mexico	...	1	2	1	1	...	...	...	...	...
Other <sup>d</sup>	89	90	91	129	112	204	101	151	3.9	10.6
<b>Total</b>	<b>2,297</b>	<b>1,953</b>	<b>1,591</b>	<b>1,451</b>	<b>1,306</b>	<b>1,313</b>	<b>1,248</b>	<b>1,419</b>	<b>100.0</b>	<b>100.0</b>

Thousand b/d									
	Sep 1973 (Pre-Crisis Level)	1980	1981	1982	1983			Percent of Total	
					1st Half	Jun	Jul	Sep 1973	Jul 1983
France									
Abu Dhabi	249	145	117	65	46	67	76	9.0	5.3
Algeria	227	84	85	105	123	107	115	8.2	8.0
Egypt	1	...	3	17	42	37	16	Negl.	1.1
Iraq	375	467	46	29	13	43	43	13.6	3.0
Kuwait	316	59	24	6	...	...	...	11.4	...
Libya	131	36	29	49	47	96	100	4.7	7.0
Qatar	69	49	52	41	25	45	...	2.5	...
Saudi Arabia	623	763	919	541	304	369	234	22.5	16.4
Other <sup>b</sup>	12	3	18	18	14	...	17	0.4	1.2
Total OAPEC	2,003	1,606	1,293	871	614	764	601	72.5	42.0
Dubai	27	8	26	55	67	41	50	1.0	3.5
Ecuador	...	...	...	...	...	...	...	...	...
Gabon	33	28	15	24	19	...	...	1.2	...
Indonesia	...	...	...	...	...	...	...	...	...
Iran	216	24	29	71	80	29	74	7.8	5.2
Nigeria	253	221	111	132	141	159	152	9.2	10.6
Venezuela	36	21	39	23	12	14	14	1.3	1.0
Total OPEC <sup>c</sup>	2,555	1,905	1,492	1,141	877	970	858	92.4	6.0
UK	...	54	45	88	151	202	244	...	17.1
Norway	...	36	38	52	33	15	50	...	3.5
Mexico	...	23	55	59	72	45	95	...	6.6
Other <sup>d</sup>	196	161	153	221	136	223	150	7.1	10.5
Total	2,764	2,182	1,804	1,596	1,325	1,492	1,430	100.0	100.0

**Selected Developed Countries: Crude Oil Imports, by Source**  
(Continued)

	Thousand b/d						
	4th Qtr 1973 (Pre- Crisis Level)	1980	1981	1982	1983	Percent of Total	
					1st Qtr	4th Qtr 1973	1st Qtr 1983
<b>Italy</b>							
Algeria	61	46	67	66	33	2.4	2.2
Egypt	...	122	137	105	72	...	4.8
Iraq	383	236	156	114	139	15.2	9.3
Kuwait	212	53	28	45	49	8.4	3.3
Libya	597	243	211	216	180	23.7	12.1
Qatar	21	28	33	28	16	0.8	1.1
Saudi Arabia	692	584	629	384	341	27.5	22.9
United Arab Emirates <sup>a</sup>	...	47	45	35	22	...	1.5
Other <sup>b</sup>	...	...	...	...	...	...	...
<b>Total OAPEC</b>	<b>1,966</b>	<b>1,359</b>	<b>1,306</b>	<b>993</b>	<b>852</b>	<b>78.2</b>	<b>57.2</b>
Ecuador	...	...	7	...	...	...	...
Gabon	3	8	4	...	8	0.1	0.5
Indonesia	...	5	24	2	...	...	...
Iran	277	19	55	258	237	11.0	15.9
Nigeria	9	69	48	65	69	0.4	4.6
Venezuela	18	49	75	50	46	0.7	3.1
<b>Total OPEC <sup>c</sup></b>	<b>2,273</b>	<b>1,387</b>	<b>1,079</b>	<b>1,263</b>	<b>1,140</b>	<b>90.4</b>	<b>76.5</b>
UK	...	7	1	2	27	...	1.8
Norway	...	5	1	4	10	...	0.7
Mexico	...	12	28	73	36	...	2.4
Other <sup>d</sup>	241	327	274	263	205	9.6	13.8
<b>Total</b>	<b>2,514</b>	<b>1,860</b>	<b>1,816</b>	<b>1,710</b>	<b>1,490</b>	<b>100.0</b>	<b>100.0</b>

<sup>a</sup> Oil production from Dubai and Sharjah is included in both OPEC and OAPEC statistics under the umbrella of the United Arab Emirates, although both pursue oil policies generally independent of either organization.

<sup>b</sup> Including, when applicable, Bahrain and Syria.

<sup>c</sup> Consisting of OAPEC members (excluding Bahrain, Egypt, and Syria) plus the other countries shown.

<sup>d</sup> Including data that cannot be distributed by area of origin.

## Selected Developed Countries: Trends in Oil Trade \*

Thousand b/d

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
<b>United States <sup>b</sup></b>													
1973													
Crude imports	2,732	2,873	3,162	3,049	3,215	3,220	3,501	3,593	3,471	3,740	3,452	2,891	3,244
Product imports	3,125	3,635	3,448	2,545	2,626	2,670	2,678	2,999	2,941	2,894	3,470	3,164	3,012
Total imports	5,857	6,508	6,610	5,594	5,841	5,890	6,179	6,592	6,412	6,634	6,922	6,055	6,256
Exports	211	261	224	276	237	215	241	218	243	222	203	228	231
Net imports	5,646	6,247	6,386	5,318	5,604	5,675	5,938	6,374	6,169	6,412	6,719	5,827	6,025
1979													
Crude imports	6,925	6,522	6,374	6,211	6,261	6,647	6,602	6,809	6,426	6,890	6,228	6,318	6,519
Product imports	2,166	2,039	2,326	1,655	1,748	1,637	1,878	1,712	1,541	1,710	1,840	2,196	1,869
Total imports	9,091	8,561	8,700	7,866	8,009	8,284	8,480	8,521	7,967	8,600	8,068	8,514	8,388
Exports	392	486	611	493	429	468	486	466	414	425	510	471	471
Net imports	8,699	8,075	8,089	7,373	7,580	7,816	7,994	8,055	7,553	8,175	7,558	8,043	7,917
1982													
Crude imports	3,648	2,949	2,856	2,813	3,314	3,782	4,245	3,820	3,603	3,636	3,863	2,956	3,488
Product imports	1,585	1,742	1,606	1,474	1,470	1,445	1,518	1,336	1,757	1,594	1,864	1,606	1,625
Total imports	5,233	4,691	4,462	4,287	4,784	5,227	5,763	5,156	5,360	5,230	5,727	4,562	5,113
Exports	829	804	882	786	803	703	741	858	791	932	786	860	815
Net imports	4,404	3,887	3,580	3,501	3,981	4,524	5,022	4,298	4,569	4,298	4,941	3,702	4,298
1983													
Crude imports	2,938	2,268	2,232	3,154	3,234	3,502	3,868	4,174	4,121				
Product imports	1,434	1,423	1,398	1,590	1,664	1,388	1,526	1,560	1,753				
Total imports	4,372	3,691	3,630	4,744	4,898	4,890	5,394	5,734	5,874				
Exports	973	865	801	809	848	774	571	663	678				
Net imports	3,399	2,826	2,829	3,935	4,050	4,116	4,823	5,071	5,196				
<b>Canada</b>													
1973													
Crude imports	945	975	932	772	930	741	1,058	937	940	799	934	802	897
Product imports	178	108	70	52	134	136	137	168	120	147	155	164	130
Total imports	1,123	1,083	1,002	824	1,064	877	1,195	1,105	1,060	946	1,089	966	1,027
Exports	1,357	1,500	1,364	1,472	1,495	1,446	1,162	1,298	1,300	1,363	1,357	1,237	1,364
Net imports	-234	-417	-362	-648	-431	-569	33	-193	-240	-417	-268	-271	-337
1979													
Crude imports	686	686	686	560	560	560	574	574	574	645	645	645	616
Product imports	16	16	16	41	41	41	47	47	47	50	50	50	39
Total imports	702	702	702	601	601	601	621	621	621	695	695	695	655
Exports	620	620	620	533	533	533	488	488	488	548	548	548	547
Net imports	82	82	82	68	68	68	133	133	133	147	147	147	108
1982													
Crude imports	413	413	413	330	330	330	338	338	338	258	258	258	334
Product imports	51	51	51	34	34	34	37	37	37	38	38	38	40
Total imports	464	464	464	364	364	364	375	375	375	296	296	296	374
Exports	458	458	458	420	420	420	517	517	517	532	532	532	483
Net imports	6	6	6	-56	-56	-56	-142	-142	-142	-236	-236	-236	-109
1983													
Crude imports	358	215	195	143	93	137	323						
Product imports	32	66	20	34	17	37	45						
Total imports	390	281	215	177	110	174	368						
Exports	496	473	548										
Net imports	-106	-192	-333										
<b>Japan</b>													
1973													
Crude imports	4,662	4,775	4,830	4,864	4,918	5,043	4,697	5,550	4,878	5,483	5,029	5,139	4,992
Product imports	640	803	650	542	664	640	523	507	443	592	533	486	584
Total imports	5,302	5,578	5,480	5,406	5,582	5,683	5,220	6,057	5,321	6,075	5,562	5,625	5,576
Exports	11	33	23	28	19	13	39	31	21	25	13	25	24
Net imports	5,291	5,545	5,457	5,378	5,563	5,670	5,181	6,026	5,300	6,050	5,549	5,600	5,552

**Selected Developed Countries: Trends in Oil Trade <sup>a</sup>**  
(Continued)

	Thousand b/d												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
<b>Japan (Continued)</b>													
1979 <sup>c</sup>													
Crude imports <sup>c</sup>	5,146	5,114	5,323	4,649	4,655	4,104	4,499	4,559	5,099	4,379	5,332	5,318	4,846
Product imports	632	655	793	759	779	753	811	840	965	738	852	886	789
Total imports	5,778	5,769	6,116	5,408	5,434	4,857	5,310	5,399	6,064	5,117	6,184	6,204	5,635
Exports	21	13	12	10	9	11	7	6	8	7	7	9	10
Net imports	5,757	5,756	6,104	5,398	5,425	4,846	5,303	5,393	6,056	5,110	6,177	6,195	5,625
1982													
Crude imports <sup>c</sup>	4,094	4,499	4,289	3,872	3,453	2,679	3,142	3,353	3,247	3,403	4,083	3,833	3,657
Product imports	840	864	766	853	763	816	808	803	845	712	821	981	822
Total imports	4,934	5,363	5,055	4,725	4,216	3,495	3,950	4,156	4,092	4,115	4,904	4,814	4,479
Exports	96	45	60	107	104	59	78	74	88	70	64	80	77
Net imports	4,838	5,318	4,995	4,618	4,112	3,436	3,872	4,082	4,004	4,045	4,840	4,734	4,402
1983													
Crude imports <sup>c</sup>	3,973	3,715	3,672	3,604	2,975	3,337	3,007	2,981					
Product imports	828	923	867	839	842	905	851	863					
Total imports	4,801	4,638	4,629	4,443	3,817	4,242	3,858	3,844					
Exports	359	392	408	478	497	457	533	538					
Net imports	4,442	4,246	4,221	3,965	3,320	3,785	3,325	3,306					
<b>France</b>													
1973													
Crude imports	2,897	2,699	2,955	2,728	2,540	2,676	2,288	2,791	2,764	2,797	3,053	2,549	2,728
Product imports	137	174	148	142	176	128	138	169	139	171	126	117	147
Total imports	3,034	2,873	3,103	2,870	2,716	2,804	2,426	2,960	2,903	2,968	3,179	2,666	2,875
Exports	255	260	232	226	317	290	246	307	307	261	253	279	269
Net imports	2,779	2,613	2,871	2,644	2,399	2,514	2,180	2,653	2,596	2,707	2,926	2,387	2,606
1979													
Crude imports	2,791	2,896	2,502	2,465	2,448	2,657	2,212	2,553	2,523	2,493	2,274	2,458	2,520
Product imports	246	341	217	180	155	172	217	173	247	306	345	317	242
Total imports	3,037	3,237	2,719	2,645	2,603	2,829	2,429	2,726	2,770	2,799	2,619	2,775	2,762
Exports	303	291	286	299	350	397	450	514	349	331	348	302	352
Net imports	2,734	2,946	2,433	2,346	2,253	2,432	1,979	2,212	2,421	2,468	2,271	2,473	2,410
1982													
Crude imports	1,947	1,791	1,627	1,500	1,222	1,697	1,545	1,240	1,413	1,285	1,358	1,467	1,596
Product imports	382	359	391	377	393	525	370	468	559	521	537	518	381
Total imports	2,329	2,150	2,018	1,877	1,615	2,222	1,915	1,708	1,972	1,806	1,895	1,985	1,977
Exports	295	363	210	308	278	198	217	172	203	184	262	244	244
Net imports	2,034	1,787	1,808	1,569	1,337	2,024	1,698	1,536	1,769	1,622	1,633	1,741	1,733
1983													
Crude imports	1,594	1,163	1,155	1,148	1,331	1,492	1,430						
Product imports	477	467	508	470	613	446	475						
Total imports	2,071	1,630	1,663	1,618	1,944	1,938	1,913						
Exports	181	252	163	270	152	213	226						
Net imports	1,890	1,378	1,500	1,348	1,792	1,725	1,687						
<b>Italy</b>													
1973													
Crude imports	2,308	2,448	2,600	2,598	2,498	2,996	2,779	2,784	2,606	2,548	1,844	N.A.	2,567
Product imports	76	133	97	98	154	98	109	137	232	29	65	N.A.	102
Total imports	2,384	2,581	2,697	2,696	2,652	3,094	2,888	2,921	2,838	2,577	1,909	N.A.	2,669
Exports	604	628	513	595	678	671	775	725	586	630	515	N.A.	579
Net imports	1,780	1,953	2,184	2,101	1,974	2,423	2,113	2,196	2,252	1,947	1,394	N.A.	2,090
1979													
Crude imports	2,360	2,360	2,360	2,273	2,273	2,273	2,293	2,293	2,293	2,242	2,242	2,242	2,292
Product imports	147	147	147	145	145	145	106	106	106	173	173	173	143
Total imports	2,507	2,507	2,507	2,418	2,418	2,418	2,399	2,399	2,399	2,415	2,415	2,415	2,435
Exports	545	545	545	540	540	540	384	384	384	331	331	331	448
Net imports	1,962	1,962	1,962	1,878	1,878	1,878	2,015	2,015	2,015	2,084	2,084	2,084	1,987

**Selected Developed Countries: Trends in Oil Trade**  
(Continued)

	Thousand b/d												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
<b>Italy (Continued)</b>													
1982													
Crude imports	1,837	1,837	1,837	1,602	1,602	1,602	1,763	1,763	1,763	1,642	1,642	1,642	1,710
Product imports	348	348	348	295	295	295	336	336	336	307	307	307	341
Total imports	2,185	2,185	2,185	1,897	1,897	1,897	2,099	2,099	2,099	1,949	1,949	1,949	2,051
Exports	274	274	274	294	294	294	298	298	298	286	286	286	288
Net imports	1,911	1,911	1,911	1,603	1,603	1,603	1,801	1,801	1,801	1,663	1,663	1,663	1,763
1983													
Crude imports	1,490	1,490	1,490										
Product imports	377	377	377										
Total imports	1,867	1,867	1,867										
Exports	252	252	252										
Net imports	1,615	1,615	1,615										
<b>United Kingdom</b>													
1973													
Crude imports	2,276	2,090	2,273	2,248	2,402	2,535	2,175	2,818	1,917	2,892	2,415	2,004	2,339
Product imports	615	533	457	359	488	439	323	417	361	416	326	208	410
Total imports	2,891	2,623	2,730	2,607	2,890	2,974	2,498	3,235	2,278	3,308	2,741	2,212	2,749
Exports	464	311	323	329	332	257	430	555	496	464	488	293	398
Net imports	2,427	2,312	2,407	2,278	2,558	2,717	2,068	2,680	1,782	2,844	2,253	1,919	2,351
1979													
Crude imports	1,470	1,387	863	1,072	1,105	1,161	1,032	1,153	1,090	1,180	1,116	1,250	1,157
Product imports	312	321	433	320	353	241	258	286	225	279	328	268	302
Total imports	1,782	1,708	1,296	1,392	1,458	1,402	1,290	1,439	1,315	1,459	1,444	1,518	1,459
Exports	970	1,038	701	946	1,087	1,001	1,052	949	1,363	922	1,323	1,012	1,035
Net imports	812	670	595	446	371	401	238	490	-48	537	121	506	424
1982													
Crude imports	787	709	593	339	522	833	513	558	547	506	622	356	675
Product imports	291	414	386	280	264	376	377	280	328	263	309	176	242
Total imports	1,078	1,123	979	619	786	1,209	890	838	875	769	931	532	917
Exports	1,181	1,376	1,169	1,488	1,286	1,279	1,573	1,624	1,558	1,624	1,701	1,536	1,459
Net imports	-103	-253	-190	-869	-500	-70	-683	-786	-683	-855	-770	-1,004	-542
1983													
Crude imports	526	242	371	303	537	467	494						
Product imports	416	305	518	281	382	353	269						
Total imports	942	547	889	584	919	820	763						
Exports	1,517	1,542	1,667	1,387	1,512	1,646	1,466						
Net imports	-575	-995	-778	-803	-593	-826	-703						
<b>West Germany</b>													
1973													
Crude imports	2,177	2,217	2,226	2,201	2,173	2,306	2,091	2,140	2,297	2,359	2,274	2,067	2,210
Product imports	776	788	690	831	870	748	798	710	828	904	859	709	791
Total imports	2,953	3,005	2,916	3,032	3,043	3,054	2,889	2,850	3,125	3,263	3,133	2,776	3,001
Exports	153	177	164	135	184	174	177	185	155	239	235	141	177
Net imports	2,800	2,828	2,752	2,897	2,859	2,880	2,712	2,665	2,970	3,024	2,898	2,635	2,824
1979													
Crude imports	2,142	2,272	1,898	2,183	2,119	2,181	2,160	2,145	2,151	2,121	2,253	2,159	2,147
Product imports	931	828	770	774	816	855	1,009	826	780	824	812	677	825
Total imports	3,073	3,100	2,668	2,957	2,935	3,036	3,169	2,971	2,931	2,945	3,065	2,836	2,972
Exports	121	140	152	116	146	137	139	133	123	148	135	126	135
Net imports	2,952	2,960	2,516	2,841	2,789	2,899	3,030	2,838	2,808	2,797	2,930	2,710	2,837
1982													
Crude imports	1,528	1,432	1,279	1,459	1,544	1,648	1,254	1,440	1,529	1,438	1,410	1,454	1,451
Product imports	692	771	764	755	751	684	696	767	704	686	694	729	773
Total imports	2,220	2,203	2,043	2,214	2,295	2,332	1,950	2,207	2,233	2,124	2,104	2,183	2,224
Exports	135	154	151	144	163	180	157	141	166	147	185	181	160
Net imports	2,085	2,049	1,892	2,070	2,132	2,152	1,793	2,066	2,067	1,977	1,919	2,002	2,064
1983													
Crude imports	1,351	1,279	1,264	1,279	1,385	1,274	1,313	1,248	1,419				
Product imports	834	861	800	869	815	891	740	900					
Total imports	2,185	2,140	2,064	2,148	2,200	2,165	2,053	2,148					
Exports	156	138	188	133	135	120	176	193					
Net imports	2,029	2,002	1,876	2,015	2,065	2,045	1,877	1,955					

<sup>a</sup> Monthly data may not add to yearly averages, because monthly revisions may not be available.

<sup>b</sup> Bureau of Mines, DOE, data through August 1983.

<sup>c</sup> Excluding government-owned stockpiles offshore.

Developed Countries: Exports to OPEC <sup>a</sup>													Million US \$ (f.o.b.)		
		Algeria	Ecuador	Gabon	Indonesia	Iran	Iraq	Kuwait	Libya	Nigeria	Qatar	Saudi Arabia	UAE	Venezuela	Total <sup>b</sup>
United States															
1979		404	696	32	981	1,074	442	764	468	632	138	4,875	667	3,937	15,110
1980		542	864	48	1,545	23	725	886	509	1,150	129	5,768	998	4,577	17,763
1981		717	854	128	1,302	300	914	976	813	1,523	157	7,327	1,077	5,445	21,533
1982		909	828	110	2,025	122	846	941	301	1,295	153	9,026	1,101	5,206	22,862
1983															
1st Qtr		164	116	29	393	31	183	219	45	230	31	1,994	211	855	4,501
2d Qtr		194	153	15	380	66	124	189	60	154	32	2,225	213	524	4,329
Jul		37	73	3	148	13	61	55	18	47	10	851	80	222	1,618
Japan															
1979		343	201	17	2,110	921	1,600	879	544	801	240	3,802	1,038	779	13,272
1980		457	276	45	3,476	1,542	2,193	1,281	527	1,501	216	4,882	1,363	838	18,597
1981		472	293	51	4,115	1,480	3,022	1,644	1,059	2,152	267	5,857	1,489	922	22,824
1982		677	218	45	4,251	939	2,745	1,786	285	1,209	346	6,608	1,489	1,175	21,774
1983															
1st Qtr		122	22	15	998	584	239	453	75	151	72	1,801	319	113	4,964
2d Qtr		127	23	11	846	800	152	399	76	113	60	1,720	414	82	4,821
Jul		50	7	4	254	271	27	179	33	37	23	561	134	15	1,595
West Germany															
1979		1,242	134	24	409	1,285	1,143	378	1,177	1,145	83	2,412	470	585	10,486
1980		1,374	136	34	600	1,506	1,800	493	1,251	1,827	93	2,358	473	600	12,545
1981		1,254	164	37	1,139	1,605	2,890	622	1,486	2,166	130	2,739	616	552	15,398
1982		1,350	143	33	1,158	1,397	3,138	813	1,173	1,527	150	3,522	723	566	15,693
1983															
1st Qtr		281	28	5	177	619	577	166	218	216	32	852	149	102	3,421
2d Qtr		265	19	7	149	762	377	170	238	177	28	753	142	38	3,127
Jul		72	7	2	89	287	101	79	68	60	10	226	41	15	1,057
France															
1979		1,937	223	312	180	425	797	434	650	766	159	1,100	332	292	7,606
1980		2,626	46	437	240	721	1,072	295	671	1,348	95	1,456	465	360	9,831
1981		2,371	37	399	293	669	1,455	216	907	1,696	94	1,848	514	399	10,895
1982		2,124	30	361	756	334	1,443	314	428	1,269	190	1,971	542	459	10,221
1983															
1st Qtr		641	6	110	102	114	255	78	78	203	30	504	116	89	2,315
2d Qtr		592	6	95	123	85	173	54	79	166	24	478	118	44	2,034
Jul		181	1	25	41	36	60	20	39	51	6	134	23	14	630
United Kingdom															
1979		231	71	18	163	493	427	477	528	1,330	216	1,714	1,020	293	6,981
1980		331	72	21	261	914	748	601	670	2,799	237	2,203	1,167	306	10,330
1981		351	70	13	283	808	1,257	570	1,067	2,876	274	2,279	981	254	11,079
1982		348	106	25	368	577	1,525	582	460	2,157	430	2,373	978	260	10,189
1983															
1st Qtr		89	14	9	79	174	220	136	75	340	103	605	216	44	2,103
2d Qtr		88	14	6	109	245	128	127	134	282	80	579	222	18	2,031
Jul		24	4	3	25	92	42	34	48	85	29	171	82	8	646
Italy															
1979		1,075	108	9	67	414	673	325	1,926	461	61	1,883	337	428	7,767
1980		1,289	119	22	90	575	943	405	2,545	683	62	2,075	428	580	9,815
1981		1,426	88	17	145	754	1,341	504	4,297	872	57	2,267	455	582	12,804
1982		665	96	18	141	723	1,661	627	2,141	685	78	2,458	523	854	10,670
1983															
1st Qtr		131	9	4	32	207	269	141	534	110	17	683	122	81	2,338
Jun		73	2	2	13	68	71	58	169	26	6	338	47	15	888
Canada															
1979		183	42	1	54	19	90	57	32	43	5	216	28	614	1,382
1980		329	73	3	137	27	125	61	61	87	8	266	39	599	1,813
1981		304	78	3	77	18	180	69	93	83	11	382	44	700	2,044
1982		405	52	2	159	147	157	79	96	51	15	355	45	552	2,113
1983															
1st Qtr		52	7	0	52	17	11	9	12	11	3	69	9	75	328
2d Qtr		101	11	0	52	34	12	12	19	2	3	82	6	61	391
Jul		22	3	0	8	12	7	5	6	6	0	32	1	22	124

<sup>a</sup> Source: International Monetary Fund, Direction of Trade.<sup>b</sup> Because of rounding, components may not add to totals shown.

Developed Countries: Imports From OPEC <sup>a</sup>													Million US \$ (c.i.f.)		
		Algeria	Ecua- dor	Gabon	Indo- nesia	Iran	Iraq	Kuwait	Libya	Nigeria	Qatar	Saudi Arabia	UAE	Vene- zuela	Total <sup>b</sup>
United States															
1979		5,465	909	368	3,927	4,249	721	208	6,349	8,897	291	8,819	2,522	5,502	48,227
1980		6,881	953	361	5,539	478	482	521	8,905	11,518	250	13,469	3,163	5,571	58,091
1981		5,208	1,103	455	6,413	66	167	91	5,476	9,554	120	15,237	2,102	5,800	51,793
1982		2,792	1,227	635	4,509	612	42	43	533	7,274	110	7,860	2,139	4,957	32,731
1983															
1st Qtr		908	282	104	1,066	185	3	29	0	540	10	766	149	1,245	5,285
2d Qtr		813	391	185	1,294	98	0	5	0	990	0	545	83	1,299	5,705
Jul		415	141	51	552	28	56	1	0	592	0	113	20	453	2,422
Japan															
1979		57	36	13	8,725	4,239	1,799	4,280	100	42	967	12,037	3,612	141	36,049
1980		456	257	20	13,230	4,119	4,359	3,471	361	121	1,814	19,623	8,228	695	56,753
1981		697	407	8	13,263	1,905	927	3,598	349	339	2,228	21,424	8,811	910	54,866
1982		522	24	11	11,955	2,564	774	1,416	46	8	1,781	20,671	7,978	721	48,470
1983															
1st Qtr		110	6	1	2,960	1,163	82	267	4	2	466	4,405	2,431	158	12,056
2d Qtr		103	8	3	2,277	931	1	406	1	2	360	3,197	1,786	134	9,209
Jul		6	2	1	733	170	0	86	0	0	149	1,196	518	35	2,897
West Germany															
1979		1,698	81	158	400	2,320	333	548	3,037	2,369	84	2,360	1,155	245	14,787
1980		2,281	73	229	388	1,881	640	379	4,325	3,031	53	5,431	1,500	378	20,590
1981		2,359	62	132	309	674	80	277	3,304	1,563	93	6,405	1,025	362	16,645
1982		1,574	54	87	239	703	229	213	2,957	1,816	117	4,382	651	492	13,514
1983															
1st Qtr		356	12	21	67	224	121	96	583	389	0	514	114	327	2,824
2d Qtr		276	18	17	62	72	98	74	574	430	1	275	133	361	2,390
Jul		65	6	1	20	61	7	30	212	171	22	99	43	113	848
France															
1979		1,116	35	484	233	1,034	3,369	639	607	1,448	520	5,742	1,214	212	16,653
1980		1,718	46	630	326	693	5,597	828	666	3,001	680	8,686	1,902	361	25,133
1981		2,349	11	422	184	478	728	437	506	1,588	808	12,139	2,122	560	22,332
1982		3,896	15	486	153	884	419	112	615	1,856	588	7,410	1,628	337	18,397
1983															
1st Qtr		999	3	137	39	294	6	78	257	463	87	1,183	307	88	3,939
2d Qtr		870	8	94	36	233	64	28	130	451	67	802	278	108	3,169
Jul		236	1	13	9	32	44	13	73	101	16	326	156	21	1,043
United Kingdom															
1979		186	13	27	119	518	839	1,564	132	396	86	2,124	504	214	6,723
1980		265	21	25	132	249	1,238	1,522	108	352	104	4,480	1,129	273	9,898
1981		320	10	71	144	313	161	971	149	190	23	3,837	803	249	7,237
1982		310	17	47	161	392	137	185	595	615	61	2,480	470	246	5,715
1983															
1st Qtr		65	6	15	77	33	34	31	50	183	2	369	140	101	1,105
2d Qtr		84	4	13	64	35	4	52	97	105	6	340	100	81	984
Jul		23	1	15	13	1	3	3	29	50	1	129	13	18	298
Italy															
1979		530	47	22	325	411	2,884	1,509	2,588	459	125	4,056	314	328	13,597
1980		713	37	123	378	339	2,875	582	3,469	945	251	6,388	627	942	17,667
1981		1,179	44	78	274	700	2,111	375	3,337	810	494	8,047	649	1,394	19,491
1982		1,516	41	28	237	2,775	1,564	597	2,758	824	362	5,182	521	953	17,357
1983															
1st Qtr		361	9	18	40	723	547	267	683	345	82	1,053	149	264	4,547
Jun		73	1	26	15	306	102	134	274	31	5	277	54	52	1,350
Canada															
1979		82	54	2	40	313	44	100	0	1	0	1,152	1	1,465	3,252
1980		11	38	6	27	3	216	158	0	39	0	2,295	58	2,049	4,902
1981		367	43	12	34	2	1	151	137	102	0	2,089	59	2,184	5,180
1982		230	45	7	27	103	2	1	20	57	0	614	31	1,618	2,755
1983															
1st Qtr		43	12	0	8	48	1	0	0	75	0	65	0	395	647
2d Qtr		16	13	0	7	20	0	0	0	0	0	1	0	134	190
Jun		15	4	0	3	20	0	0	0	0	0	0	0	31	73

<sup>a</sup> Source: International Monetary Fund, Direction of Trade.<sup>b</sup> Because of rounding, components may not add to totals shown.

## Selected OECD Countries: Trends in Inland Oil Consumption \*

		Thousand b/d										
		1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
United States <sup>b</sup>	Av.	17,308	16,653	16,322	17,461	18,431	18,847	18,513	17,006	16,058	15,296	
	Jan	18,713	17,286	18,004	18,647	20,504	19,752	20,586	18,656	18,430	16,124	14,765
	Feb	19,094	17,366	17,084	17,509	20,482	20,900	21,288	18,815	16,989	16,001	14,772
	Mar	17,216	16,104	16,315	17,302	18,124	19,652	19,322	17,385	15,907	15,560	15,484
	Apr	15,921	15,929	16,048	16,612	17,580	17,747	17,434	16,724	15,350	16,046	14,779
	May	16,626	15,726	15,155	15,977	16,972	18,230	17,801	16,143	15,353	14,847	14,250
	Jun	16,481	16,117	15,610	16,825	18,043	18,260	17,786	16,214	15,609	14,998	15,281
	Jul	16,372	16,349	15,740	16,607	17,568	17,633	17,144	15,962	15,682	14,821	14,913
	Aug	17,499	16,550	15,806	16,642	18,012	18,639	18,149	15,727	15,263	14,839	15,366
	Sep	16,656	16,024	15,768	16,837	17,714	17,954	17,400	16,548	15,655	15,022	15,095
	Oct	17,202	17,050	16,377	17,090	17,824	18,417	18,176	16,911	15,822	14,859	15,453
	Nov	18,492	17,351	15,777	18,847	18,437	19,156	18,313	16,694	15,593	15,009	
	Dec	17,538	18,013	18,185	20,560	20,052	19,944	18,922	18,354	16,596	15,487	
Canada	Av.	1,597	1,630	1,595	1,647	1,661	1,701	1,765	1,730	1,617	1,454	
	Jan	1,667	1,823	1,691	1,785	1,776	1,777	1,873	1,822	1,764	1,551	1,298
	Feb	1,747	1,863	1,872	1,725	1,901	1,956	1,996	1,926	1,764	1,719	1,453
	Mar	1,584	1,659	1,558	1,734	1,651	1,681	1,674	1,715	1,547	1,508	1,281
	Apr	1,431	1,560	1,592	1,508	1,523	1,561	1,614	1,597	1,609	1,359	1,187
	May	1,486	1,577	1,471	1,512	1,524	1,522	1,656	1,588	1,486	1,340	1,315
	Jun	1,474	1,455	1,550	1,550	1,593	1,622	1,742	1,659	1,635	1,434	1,352
	Jul	1,490	1,534	1,493	1,514	1,497	1,549	1,689	1,675	1,608	1,401	1,263
	Aug	1,557	1,463	1,449	1,575	1,690	1,680	1,770	1,648	1,629	1,504	1,439
	Sep	1,427	1,415	1,469	1,512	1,527	1,595	1,614	1,707	1,593	1,397	
	Oct	1,680	1,680	1,555	1,554	1,626	1,708	1,850	1,771	1,559	1,337	
	Nov	1,801	1,714	1,577	1,820	1,718	1,865	1,850	1,719	1,593	1,457	
	Dec	1,828	1,831	1,880	2,000	1,925	1,915	1,872	1,942	1,634	1,462	
Japan	Av.	5,000	4,872	4,568	4,786	5,015	5,115	5,171	4,674	4,444	4,204	
	Jan	5,036	5,103	4,729	4,941	5,433	5,301	5,579	5,255	4,987	4,644	4,422
	Feb	5,352	5,664	5,191	5,246	6,025	5,981	6,009	5,722	5,349	5,272	4,882
	Mar	5,306	5,407	4,918	5,165	5,539	5,595	5,708	5,433	5,012	4,642	4,618
	Apr	4,737	4,706	4,202	4,526	4,714	4,849	5,009	4,626	4,156	4,012	3,852
	May	4,597	4,568	4,041	4,218	4,314	4,437	4,757	4,376	3,590	3,558	3,461
	Jun	4,776	4,520	4,135	4,429	4,484	4,502	4,709	4,224	3,901	3,782	3,699
	Jul	4,586	4,385	4,265	4,416	4,716	4,704	4,689	4,250	4,159	3,995	3,744
	Aug	4,684	4,576	4,234	4,461	4,709	4,857	4,894	3,909	4,099	3,772	
	Sep	4,778	4,720	4,543	4,517	4,742	4,827	4,809	4,121	4,062	3,864	
	Oct	5,093	4,614	4,409	4,523	4,664	4,847	4,771	4,251	4,083	3,781	
	Nov	5,559	4,925	4,747	5,160	5,093	5,423	5,359	4,622	4,609	4,354	
	Dec	5,526	5,330	5,447	5,846	5,800	6,125	5,812	5,347	5,375	4,844	
Austria	Av.	227	203	199	215	206	223	230	224	202	191	
	Jan	220	236	183	207	200	216	248	241	218	195	153
	Feb	225	220	190	208	208	235	247	227	244	208	176
	Mar	224	160	172	209	182	218	232	216	191	199	168
	Apr	204	169	184	156	197	181	203	237	204	183	165
	May	210	172	156	169	166	174	217	209	174	169	180
	Jun	200	169	186	189	208	217	196	214	213	202	185
	Jul	221	214	210	219	192	206	224	226	187	170	165
	Aug	222	218	223	229	213	228	233	184	190	195	198
	Sep	227	222	232	246	221	234	234	216	198	196	
	Oct	253	243	226	233	202	242	246	245	192	194	
	Nov	276	215	201	252	236	277	263	256	208	206	
	Dec	234	203	229	261	245	252	219	221	209	175	
Belgium/ Luxembourg	Av.	505	440	424	449	442	461	474	434	369	373	
	Jan	543	512	550	498	552	515	697	592	445	478	358
	Feb	589	528	458	547	507	592	595	476	452	459	404
	Mar	570	392	410	469	517	520	519	493	394	491	386
	Apr	565	383	465	460	483	477	481	477	364	380	372



**Selected OECD Countries: Trends in Inland Oil Consumption <sup>a</sup>**  
(Continued)

		Thousand b/d										
		1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Belgium/ Luxembourg (Continued)	May	483	419	364	357	397	375	411	380	347	319	334
	Jun	463	376	367	383	414	376	366	326	369	320	
	Jul	359	339	312	308	253	273	334	301	289	256	
	Aug	389	352	356	361	335	376	358	365	301	322	
	Sep	465	478	383	425	428	411	464	500	356	361	
	Oct	556	534	443	424	414	456	455	426	415	329	
	Nov	558	427	449	532	504	574	503	438	379	354	
	Dec	503	542	522	628	505	595	514	441	321	411	
Denmark	Av.			301	307	309	305	302	252	217	205	
	Jan	N.A.	N.A.	332	358	370	338	441	337	274	283	193
	Feb	N.A.	N.A.	380	398	405	407	455	343	282	257	231
	Mar	N.A.	N.A.	317	367	362	358	373	311	248	240	222
	Apr	N.A.	N.A.	354	307	340	310	310	274	214	201	191
	May	N.A.	N.A.	258	242	241	272	299	204	169	170	182
	Jun	N.A.	N.A.	257	250	236	236	246	194	177	182	170
	Jul	N.A.	N.A.	218	184	192	192	171	168	148	167	139
	Aug	N.A.	N.A.	264	261	293	254	223	186	163	159	
	Sep	N.A.	N.A.	262	274	326	302	208	271	176	200	
	Oct	N.A.	N.A.	302	280	246	297	275	216	211	170	
	Nov	N.A.	N.A.	324	356	323	329	322	260	253	220	
	Dec	N.A.	N.A.	353	414	376	380	310	270	297	238	
France	Av.	2,219	2,094	1,925	2,075	1,973	2,077	2,107	1,965	1,744	1,632	
	Jan	2,743	2,523	2,190	2,436	2,519	2,645	2,786	2,462	2,300	1,801	1,689
	Feb	2,687	2,389	2,243	2,486	2,386	2,598	2,731	2,439	2,165	1,866	1,986
	Mar	2,528	2,249	1,952	2,381	2,109	2,236	2,315	1,981	1,787	1,845	1,685
	Apr	2,296	1,970	2,202	2,100	2,043	2,044	2,150	2,107	1,498	1,769	1,786
	May	1,890	1,915	1,640	1,796	1,846	2,131	2,049	1,853	1,667	1,497	1,498
	Jun	1,685	2,103	1,642	1,593	1,715	1,687	1,670	1,853	1,606	1,501	1,400
	Jul	1,566	1,703	1,491	1,629	1,349	1,364	1,611	1,450	1,451	1,465	1,209
	Aug	1,495	1,506	1,300	1,668	1,390	1,325	1,563	1,223	1,159	1,270	1,347
	Sep	1,932	1,996	1,785	1,974	1,783	1,665	1,728	1,741	1,430	1,502	1,383
	Oct	2,482	2,045	1,917	1,904	1,882	1,997	2,014	2,050	1,653	1,612	
	Nov	2,593	2,260	2,077	2,236	2,181	2,472	2,491	2,039	2,016	1,654	
	Dec	2,768	2,492	2,658	2,712	2,512	2,800	2,287	2,409	2,218	1,821	
Italy <sup>c</sup>	Av.	1,515	1,521	1,468	1,503	1,476	1,551	1,620	1,602	1,705	1,618	
	Jan	1,781	1,755	1,792	1,775	1,696	1,763	1,950	1,778	1,880	1,772	1,674
	Feb	1,866	1,760	1,767	1,743	1,823	1,906	1,912	1,864	2,194	1,803	1,865
	Mar	1,710	1,579	1,558	1,641	1,573	1,589	1,623	1,660	1,896	1,789	1,606
	Apr	1,420	1,421	1,530	1,423	1,326	1,339	1,460	1,541	1,785	1,634	1,417
	May	1,285	1,349	1,174	1,253	1,268	1,300	1,427	1,448	1,409	1,355	1,468
	Jun	1,255	1,314	1,289	1,236	1,340	1,354	1,325	1,511	1,512	1,507	1,472
	Jul	1,303	1,368	1,234	1,355	1,251	1,338	1,337	1,537	1,581	1,456	1,365
	Aug	1,255	1,287	1,105	1,372	1,140	1,197	1,323	1,313	1,359	1,368	1,316
	Sep	1,462	1,527	1,465	1,604	1,502	1,566	1,641	1,646	1,715	1,646	1,588
	Oct	1,610	1,569	1,679	1,464	1,405	1,573	1,807	1,673	1,599	1,569	
	Nov	1,551	1,580	1,448	1,393	1,605	1,828	1,888	1,532	1,650	1,655	
	Dec	1,698	1,753	1,600	1,779	1,817	1,889	1,768	1,737	1,931	1,672	
Netherlands	Av.	507	444	412	487	457	446	513	478	436	339	
	Jan	584	468	399	480	494	410	542	506	471	360	285
	Feb	586	522	430	542	502	495	565	600	497	413	324
	Mar	542	438	379	543	494	471	539	535	416	417	331
	Apr	541	530	474	443	424	431	487	467	410	411	332
	May	475	432	390	453	393	367	500	422	398	317	310
	Jun	436	427	403	462	456	395	487	457	411	358	320
	Jul	408	415	354	426	388	396	464	406	429	492	
	Aug	437	414	364	446	414	425	463	400	372	302	
	Sep	485	440	412	493	447	463	504	462	428	320	

**Selected OECD Countries: Trends in Inland Oil Consumption \***  
(Continued)

		Thousand b/d										
		1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Netherlands (Continued)	Oct	594	472	440	469	459	471	507	502	451	271	
	Nov	503	440	419	517	511	500	574	501	450	322	
	Dec	505	433	484	576	504	535	533	503	506	289	
Norway	Av.	N.A.	143	150	163	170	168	170	158	143	136	
	Jan	N.A.	155	142	161	177	171	204	170	151	147	112
	Feb	N.A.	154	171	180	202	193	210	189	158	148	148
	Mar	N.A.	124	137	181	189	171	179	164	171	145	134
	Apr	N.A.	126	149	145	162	155	149	156	125	130	124
	May	N.A.	118	145	147	150	160	162	135	110	112	121
	Jun	N.A.	141	130	153	159	160	161	149	135	146	139
	Jul	N.A.	113	120	130	131	125	144	121	121	130	115
	Aug	N.A.	125	140	146	156	150	150	135	134	114	142
	Sep	N.A.	151	161	168	189	181	153	182	143	143	
	Oct	N.A.	161	162	167	161	184	173	176	176	136	
	Nov	N.A.	174	181	175	179	176	171	144	137	141	
	Dec	N.A.	180	162	197	192	191	182	177	175	142	
Spain	Av.	581	626	667	744	693	726	745	771	716	637	
	Jan	539	610	720	758	740	747	786	822	847	616	659
	Feb	568	639	682	785	727	771	708	848	879	669	741
	Mar	564	571	625	769	660	719	769	792	823	685	661
	Apr	537	595	688	742	634	685	712	795	701	626	587
	May	523	620	622	685	670	665	717	805	610	615	547
	Jun	530	608	610	714	672	672	675	687	689	680	550
	Jul	466	630	624	755	677	655	689	719	739	700	575
	Aug	667	617	584	685	612	655	670	594	533	509	535
	Sep	576	636	667	734	700	708	707	727	672	629	
	Oct	669	677	713	742	682	751	795	807	806	606	
	Nov	646	653	706	780	743	852	849	803	708	711	
	Dec	681	650	735	782	804	836	862	855	730	609	
Sweden	Av.	533	490	478	529	512	481	512	450	393	353	
	Jan	603	521	511	565	616	481	600	508	434	459	321
	Feb	555	415	547	530	600	569	692	516	430	402	357
	Mar	540	427	479	539	545	508	497	461	427	416	340
	Apr	506	441	532	450	499	486	472	461	385	302	300
	May	524	495	392	395	466	431	515	406	324	285	282
	Jun	420	464	511	410	410	402	481	365	427	326	275
	Jul	387	423	362	382	388	334	425	386	258	243	230
	Aug	455	463	459	483	456	440	486	402	322	301	
	Sep	492	516	503	571	497	458	399	548	397	354	
	Oct	656	553	462	585	492	523	485	413	379	368	
	Nov	645	568	446	697	546	581	515	441	436	354	
	Dec	618	581	538	740	590	565	568	499	506	428	
United Kingdom	Av.	1,958	1,829	1,633	1,601	1,655	1,683	1,690	1,422	1,325	1,345	
	Jan	2,278	2,013	1,981	1,679	1,830	1,824	1,883	1,770	1,403	1,416	1,263
	Feb	2,277	2,094	1,907	1,932	1,844	1,900	2,067	1,621	1,475	1,529	1,417
	Mar	2,235	2,099	1,731	1,879	1,818	1,842	1,949	1,585	1,444	1,588	1,431
	Apr	2,005	1,869	1,826	1,716	1,671	1,792	1,703	1,470	1,297	1,342	1,313
	May	1,909	1,678	1,482	1,417	1,546	1,621	1,648	1,348	1,200	1,211	1,227
	Jun	1,670	1,521	1,416	1,416	1,454	1,499	1,517	1,286	1,214	1,277	1,257
	Jul	1,611	1,508	1,322	1,346	1,300	1,401	1,435	1,217	1,177	1,236	1,161
	Aug	1,590	1,490	1,208	1,276	1,349	1,447	1,488	1,120	1,139	1,169	
	Sep	1,700	1,637	1,501	1,477	1,555	1,557	1,520	1,268	1,290	1,293	
	Oct	2,116	2,017	1,707	1,544	1,545	1,676	1,652	1,429	1,410	1,304	
	Nov	2,223	2,075	1,723	1,750	1,912	1,802	1,858	1,443	1,479	1,416	
	Dec	1,876	1,952	1,821	1,869	1,890	1,846	1,606	1,477	1,387	1,383	

Selected OECD Countries: Trends in Inland Oil Consumption <sup>a</sup>  
(Continued)

		Thousand b/d										
		1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
West Germany	Av.	2,893	2,408	2,319	2,507	2,478	2,596	2,664	2,356	2,120	2,024	
	Jan	2,868	2,556	2,183	2,464	2,393	2,461	2,893	2,685	2,235	1,914	1,876
	Feb	2,850	1,969	2,455	2,497	2,446	3,014	2,708	2,407	2,509	2,214	2,053
	Mar	2,707	2,173	2,234	2,747	2,523	2,610	2,592	2,425	2,100	2,326	2,182
	Apr	2,809	2,539	2,431	2,339	2,431	2,577	2,590	2,678	1,816	2,075	1,940
	May	2,546	2,403	2,253	2,320	2,364	2,341	2,641	2,225	1,866	1,736	2,010
	Jun	2,674	2,414	2,106	2,393	2,475	2,611	2,613	2,217	2,145	2,062	2,058
	Jul	2,196	2,548	2,319	2,624	2,382	2,693	2,626	2,421	2,147	1,930	1,783
	Aug	2,738	2,476	2,360	2,515	2,469	2,338	2,617	2,153	2,088	2,089	1,920
	Sep	2,618	2,473	2,309	2,521	2,567	2,561	2,597	2,538	2,086	2,026	
	Oct	2,969	2,613	2,328	2,391	2,324	2,633	2,846	2,231	2,304	1,920	
	Nov	2,883	2,432	2,361	2,700	2,649	2,772	2,763	2,106	2,028	1,997	
	Dec	2,481	2,261	2,502	2,571	2,719	2,578	2,489	2,186	2,139	2,022	
Australia <sup>c</sup>	Av.	...	...	...	483	510	514	525	504	498	491	
	Jan	...	...	...	411	447	436	497	533	450	478	420
	Feb	...	...	...	459	491	494	529	468	513	460	455
	Mar	...	...	...	463	476	495	493	507	480	516	465
	Apr	...	...	...	467	462	465	493	471	481	488	445
	May	...	...	...	479	547	559	494	498	485	522	494
	Jun	...	...	...	526	575	565	522	531	537	552	479
	Jul	...	...	...	503	502	527	577	533	516	521	
	Aug	...	...	...	516	550	585	533	486	488	470	
	Sep	...	...	...	530	583	571	549	517	517	444	
	Oct	...	...	...	459	470	476	506	508	471	470	
	Nov	...	...	...	484	512	523	521	483	520	494	
	Dec	...	...	...	510	511	478	490	506	498	477	

<sup>a</sup> Except for the United States, measured as sales of refined petroleum products. Monthly data may not add to yearly averages because monthly revisions may not be available.

<sup>b</sup> Including bunkers, refinery fuel, and losses.

<sup>c</sup> Principal products only.

## Selected OECD Countries: Oil Stocks

Thousand Barrels, End of Month

		United States <sup>a</sup>	Japan <sup>b</sup>	Canada	Belgium	Denmark	France	Ireland	Italy	
1973	Sep	1,057,911 <sup>c</sup>	322,000	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
1975	Mar	1,076,360	314,000	N.A.	45,968	34,770	N.A.	7,636	136,890	
	Sep	1,147,338	354,000	N.A.	51,644	44,333	254,296	7,716	152,490	
1976	<sup>d</sup> Mar	1,060,489	314,000	145,249	42,340	36,281	191,245	5,913	117,260	
	Jun	1,093,550	347,000	158,304	47,187	35,033	202,684	6,563	132,882	
	Sep	1,191,450	387,000	157,670	48,165	42,033	239,265	6,570	141,496	
	Dec	1,111,810	377,000	149,784	40,077	41,296	231,133	6,008	140,773	
1977	Mar	1,086,822	349,000	140,220	41,508	36,354	209,868	5,869	135,692	
	Jun	1,195,088	385,000	157,560	49,589	39,456	201,130	7,066	162,381	
	Sep	1,303,369	402,000	162,140	57,371	46,340	225,592	6,979	163,958	
	Dec	1,311,900	407,000	163,804	51,618	46,107	234,629	7,877	159,972	
1978	Mar	1,167,810	383,000	144,824	42,961	39,259	194,640	7,906	135,692	
	Jun	1,185,124	396,000	148,534	42,756	40,610	187,632	7,563	142,240	
	Sep	1,262,932	392,000	152,811	43,121	45,698	213,715	8,183	157,795	
	Dec	1,277,619	411,000	141,524	43,508	47,056	198,166	8,212	150,164	
1979	Mar	1,142,427	380,000	129,626	36,989	38,478	184,347	7,964	135,481	
	Jun	1,209,747	392,000	139,445	45,333	36,522	199,239	8,140	147,226	
	Sep	1,308,802	437,000	147,305	42,209	46,647	229,293	8,366	165,739	
	Dec	1,340,862	461,000	146,630	48,370	44,150	222,066	8,497	173,426	
1980	Mar	1,341,855	429,000	145,087	53,589	42,632	237,965	8,629	154,526	
	Jun	1,410,388	473,000	160,943	50,815	43,953	240,060	9,264	168,462	
	Sep	1,446,519	509,000	177,088	54,889	43,574	269,326	9,548	196,392	
	Dec	1,395,259	498,000	160,211	56,487	42,756	239,265	8,753	169,462	
1981	Mar	1,405,496	448,000	154,721	50,895	40,077	215,328	8,979	157,096	
	Jun	1,437,996	492,000	168,506	47,713	40,216	213,854	7,928	171,185	
	Sep	1,480,658	491,000	173,484	47,479	41,574	228,811	7,767	188,048	
	Dec	1,488,533	480,000	158,726	50,859	38,413	209,963	7,154	168,236	
1982	Mar	1,400,902	478,000	148,853	36,434	37,602	193,903	6,322	158,464	
	Jun	1,362,266	474,000	132,043	40,559	36,259	190,508	6,504	156,680	
	Sep	1,433,736	467,000	130,639	40,318	37,434	204,575	6,811	180,317	
	Dec	1,462,017	449,000	132,545	38,222	36,894	189,544	6,497	179,478	
1983	Mar	1,370,700	436,000	128,556	N.A.	34,814	158,921	6,731	154,928	
	Jun	1,409,258	443,000	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
	Sep	1,496,300	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
		Luxem- bourg	Nether- lands	Norway	Portugal	Spain	Switzer- land	Turkey	United Kingdom	West Germany
1973	Sep	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1975	Mar	569	82,724	12,534	N.A.	61,393	27,638	9,636	N.A.	148,832
	Sep	548	83,614	13,563	6,541	61,743	30,332	11,271	N.A.	170,083
1976	Mar	438	71,336	16,958	8,556	57,874	28,360	10,424	145,555	165,783
	Jun	584	71,744	18,980	7,680	66,211	29,375	10,103	156,417	172,244
	Sep	584	84,315	17,162	7,008	68,240	30,580	9,870	163,323	190,815
	Dec	606	80,190	17,454	9,176	66,897	32,230	11,680	163,111	204,787
1977	Mar	650	75,438	14,133	8,745	77,760	32,018	8,475	146,518	203,342
	Jun	620	83,388	15,936	9,629	81,694	34,500	14,089	155,884	201,677
	Sep	606	86,819	17,009	9,132	77,701	35,222	10,614	157,768	216,971
	Dec	650	79,935	18,805	11,147	77,833	35,573	N.A.	145,985	230,877
1978	Mar	657	68,094	15,651	8,198	67,759	34,522	N.A.	148,161	211,518
	Jun	591	69,007	15,739	10,585	76,650	34,536	N.A.	151,395	213,861
	Sep	496	63,386	18,965	11,176	80,344	36,157	N.A.	152,139	227,395
	Dec	664	76,388	16,549	6,701	74,467	36,945	N.A.	155,359	235,608
1979	Mar	599	61,583	15,096	11,498	71,299	37,558	N.A.	137,422	228,738
	Jun	628	70,343	16,279	13,600	71,533	37,931	N.A.	148,497	243,353
	Sep	745	81,796	16,337	12,598	84,381	39,055	8,475	167,564	265,735
	Dec	810	85,505	16,191	10,979	77,351	39,960	5,950	166,834	268,604
1980	Mar	796	96,462	16,345	13,972	81,205	38,902	8,694	159,585	291,657
	Jun	781	101,850	19,549	19,119	90,936	38,683	9,402	170,689	304,446
	Sep	781	109,814	21,258	18,987	101,266	39,668	9,731	170,243	298,585
	Dec	854	110,332	19,053	23,053	76,665	41,449	8,519	165,812	314,499
1981	Mar	891	99,273	19,447	19,345	85,381	40,048	12,930	160,133	311,009
	Jun	818	100,492	19,834	23,433	98,470	39,384	11,534	155,556	305,768
	Sep	832	100,360	17,761	20,374	96,287	39,873	9,892	147,380	301,972
	Dec	803	94,944	14,739	19,827	86,870	40,698	12,987	139,963	291,022
1982	Mar	745	86,074	18,403	19,418	80,869	39,435	10,950	131,604	273,932
	Jun	759	93,243	16,936	18,922	87,074	40,844	14,644	138,131	209,167
	Sep	694	86,169	16,024	21,360	86,950	41,084	10,585	134,210	275,590
	Dec	803	93,046	19,929	18,564	79,750	40,048	10,585	122,093	267,538
1983	Mar	745	86,885	20,309	N.A.	77,555	40,486	15,250	116,815	256,610

<sup>a</sup> US stocks include Strategic Petroleum Reserves (SPR). According to DOE, the SPR held approximately 361.0 million barrels as of 31 Sep 1983.<sup>b</sup> Japanese stocks include government-owned strategic stockpiles estimated at about 78.68 million barrels as of Aug 1983.<sup>c</sup> Estimated.<sup>d</sup> As of January 1977, US Bureau of Mines changed the reporting of crude oil stocks to include foreign crude oil not yet received at refineries. Figures beginning in 1976 have been computed on the new basis.

Selected Developed Countries: Retail Petroleum Product Prices						
US Cents per US Gallon						
	Regular Gasoline		Premium Gasoline		Diesel Fuel	
	Price <sup>a</sup>	Tax	Price <sup>a</sup>	Tax	Price <sup>a</sup>	Tax
United States						
1973 Oct	40	12	44	12	23	13
1977 Jan	60	12	65	12	50	13
1978 Jan	62	13	68	13	54	14
1979 Jan	68	13	75	13	57	14
1980 Jan	109	14	115	14	97	15
1981 Jan	124	14	134	14	116	15
1982 Jan	128	15	146	15	120	15
1983 Jan	115	15	135	15	NA	15
1983 Jun	120	20	144	20	NA	15
France <sup>b</sup>						
1973 Oct	78	53	84	56	54	32
1977 Jan	130	79	140	84	83	41
1978 Jan	136	82	147	88	89	44
1979 Jan	158	109	171	116	110	63
1980 Jan	190	114	203	121	138	68
1981 Jan	214	117	227	125	164	72
1982 Jan	254	135	269	143	196	83
1983 Jan	239	124	251	125	201	92
1983 Jun	248	137	264	145	203	92
Italy <sup>b</sup>						
1973 Oct	52	39	55	40	28	18
1977 Jan	142	102	148	106	50	20
1978 Jan	142	102	148	106	48	13
1979 Jan	142	102	148	106	51	14
1980 Jan	188	120	194	123	86	18
1981 Jan	241	154	251	156	104	18
1982 Jan	284	170	294	172	135	22
1983 Jan	301	197	314	200	156	40
1983 Jun	301	209	314	210	153	46
United Kingdom						
1973 Oct	50	32	52	32	50	32
1977 Jan	110	54	113	54	109	50
1978 Jan	105	54	108	54	118	58
1979 Jan	110	54	112	54	118	58
1980 Jan	171	74	174	76	181	83
1981 Jan	179	87	181	87	192	88
1982 Jan	230	118	234	118	223	105
1983 Jan	206	115	210	116	217	113
1983 Jun	220	122	225	122	217	107
West Germany						
1973 Oct	112	81	124	82	113	76
1977 Jan	140	84	147	84	141	79
1978 Jan	140	84	149	86	140	79
1979 Jan	147	86	155	86	144	81
1980 Jan	169	89	176	90	170	86
1981 Jan	197	92	205	92	187	87
1982 Jan	227	106	235	108	212	95
1983 Jan	216	104	227	106	213	93
1983 Jun	197	102	210	104	192	92

NOTE: Converted at 28 February 1983 exchange rates.

<sup>a</sup> Including tax.<sup>b</sup> Government price ceilings in effect.

**OPEC: Crude Oil Official Sales Price <sup>a</sup>**

US \$ per barrel

	1979	1980	1981	1982	1983			
					Jul	Aug	Sep	Oct
<b>OPEC average <sup>b</sup></b>	18.67	30.87	34.50	33.63	28.75	28.72	28.69	28.70
<b>Saudi Arabia</b>								
<b>Berri</b> 39° API 1.16% sulfur	19.33	30.19	34.04	34.68	29.50	29.50	29.50	29.50
<b>Light</b> 34° API 1.70% sulfur	17.26	28.67	32.50	34.00	29.00	29.00	29.00	29.00
<b>Medium</b> 31° API 2.40% sulfur	16.79	28.12	31.84	32.40	27.40	27.40	27.40	27.40
<b>Heavy</b> 27° API 2.85% sulfur	16.41	27.67	31.13	31.00	26.00	26.00	26.00	26.00
<b>Iran</b>								
<b>Light</b> 34° API 1.35% sulfur	19.45	34.54	36.60	31.05	28.00	28.00	28.00	28.00
<b>Heavy</b> 27.10 31° API 1.60% sulfur	18.49	33.60	35.57	29.15	26.90	26.90	27.10	27.10
<b>Iraq <sup>c</sup></b> 35° API 1.95% sulfur	18.56	30.30	36.66	34.86	29.43	29.43	29.43	29.43
<b>Nigeria</b> 34° API 0.16% sulfur	20.86	35.50	38.48	35.64	29.85	29.85	29.85	29.85
<b>UAE</b> 39° API 0.75% sulfur	19.81	31.57	36.42	34.74	29.56	29.56	29.56	29.56
<b>Kuwait</b> 31° API 2.50% sulfur	18.48	29.84	35.08	32.30	27.30	27.30	27.30	27.30
<b>Libya</b> 40° API 0.22% sulfur	21.16	36.07	40.08	35.69	30.40	30.40	30.40	30.40
<b>Venezuela</b> 26° API 1.52% sulfur	17.22	28.44	32.88	32.88	27.88	27.88	27.88	27.88
<b>Indonesia</b> 35° API 0.09% sulfur	18.35	30.55	35.00	34.92	29.53	29.53	29.53	29.53
<b>Algeria</b> 42° API 0.10% sulfur	19.65	37.59	39.58	35.79	30.50	30.50	30.50	30.50
<b>Qatar</b> 40° API 1.17% sulfur	19.72	31.76	37.12	34.56	29.49	29.49	29.49	29.49
<b>Gabon</b> 29° API 1.26 % sulfur	18.20	31.09	34.83	34.00	29.00	29.00	29.00	29.00
<b>Ecuador</b> 28° API 0.93% sulfur	22.41	34.42	34.50	32.96	26.70	26.70	26.70	26.70

<sup>a</sup> F.o.b. prices set by the government for direct sales and, in most cases, for the producing company buy-back oil.<sup>b</sup> Weighted by the volume of production.<sup>c</sup> Beginning in 1981 the price of Kirkuk (Mediterranean) is used in calculating the OPEC average official sales price.

Non-Communist Countries: Natural Gas Production <sup>a</sup>

	Billion Cubic Feet							
	1974	1975	1976	1977	1978	1979	1980	1981
<b>Total</b>	<b>34,990</b>	<b>34,110</b>	<b>34,675</b>	<b>35,530</b>	<b>36,025</b>	<b>38,460</b>	<b>37,780</b>	<b>38,070</b>
<b>Western hemisphere</b>	<b>26,310</b>	<b>24,890</b>	<b>24,805</b>	<b>25,125</b>	<b>25,105</b>	<b>26,055</b>	<b>25,500</b>	<b>25,475</b>
United States	21,600	20,110	19,950	20,025	19,975	20,470	20,380	20,180
Canada	3,045	3,090	3,095	3,230	3,130	3,345	2,465	2,430
Mexico	560	585	580	600	745	920	1,299	1,480
Argentina	255	280	290	305	295	295	335	345
Chile	130	120	140	135	125	125	90	85
Venezuela	475	450	480	525	510	575	590	590
Other	245	255	270	305	325	325	340	365
<b>Eastern hemisphere</b>	<b>8,680</b>	<b>9,220</b>	<b>9,870</b>	<b>10,405</b>	<b>10,920</b>	<b>12,405</b>	<b>12,280</b>	<b>12,595</b>
<b>Western Europe</b>	<b>5,780</b>	<b>6,045</b>	<b>6,335</b>	<b>6,525</b>	<b>6,565</b>	<b>7,220</b>	<b>7,030</b>	<b>6,860</b>
France	270	260	250	270	280	275	265	245
Italy	540	515	555	455	465	455	425	495
Netherlands	3,120	3,385	3,615	3,610	3,310	3,490	3,400	3,155
Norway	...	10	10	90	450	905	885	900
United Kingdom	1,230	1,275	1,315	1,435	1,350	1,365	1,290	1,285
West Germany	540	515	515	580	625	630	670	680
Other	80	85	75	85	85	100	100	100
<b>Middle East</b>	<b>1,420</b>	<b>1,435</b>	<b>1,475</b>	<b>1,590</b>	<b>1,655</b>	<b>1,850</b>	<b>1,755</b>	<b>2,070</b>
Iran	785	770	760	740	685	705	290	255
Kuwait	185	185	195	210	220	305	245	190
Saudi Arabia	220	200	240	285	335	415	515	895
Other	230	280	280	355	415	425	705	730
<b>Africa</b>	<b>595</b>	<b>760</b>	<b>890</b>	<b>920</b>	<b>1,115</b>	<b>1,515</b>	<b>1,400</b>	<b>1,420</b>
Algeria	200	335	350	305	490	915	685	870
Libya <sup>b</sup>	345	385	485	555	560	665	560	365
Other	50	40	55	60	65	100	155	185
<b>Asia Pacific</b>	<b>885</b>	<b>980</b>	<b>1,170</b>	<b>1,370</b>	<b>1,585</b>	<b>1,820</b>	<b>2,095</b>	<b>2,245</b>
Australia	160	175	210	240	255	285	340	400
Brunei	175	215	300	315	310	315	345	345
Indonesia	40	80	85	200	385	555	655	680
Japan	90	85	90	100	95	85	80	75
Pakistan	175	165	185	180	195	235	285	315
Other	245	260	300	335	345	345	390	430

<sup>a</sup> Marketed production. Excluding gas vented, flared, or reinjected. Data have not been adjusted for shrinkage due to extraction of natural gas liquids.

<sup>b</sup> Includes gas reinjected, if any.

Non-Communist Countries: Nuclear Electricity Generation <sup>a</sup>

	1973	1980	1981	1982	1983		
					3d Qtr	Aug	Sep
<b>Total</b>	<b>188,348</b>	<b>617,854</b>	<b>728,459</b>	<b>788,818</b>	<b>223,331</b>	<b>74,806</b>	<b>76,048</b>
<b>OECD</b>	<b>185,954</b>	<b>600,876</b>	<b>708,792</b>	<b>767,598</b>	<b>214,988</b>	<b>72,093</b>	<b>73,243</b>
United States	87,440	265,236	288,604	298,734	81,400	27,872	26,219
Canada	18,273	40,372	43,272	42,552	13,116	3,844	4,424
Japan	9,439	81,028	83,514	104,528	29,616	10,376	9,783
Finland	0	6,980	14,456	16,499	4,348	1,604	1,461
Spain	6,545	5,185	9,443	8,770	2,520	994	962
Sweden	2,111	26,727	37,674	38,776	7,313	2,697	3,014
Switzerland	6,192	14,347	15,184	14,994	3,566	1,008	1,405
European Community	<b>55,954</b>	<b>161,001</b>	<b>216,645</b>	<b>242,745</b>	<b>73,109</b>	<b>23,698</b>	<b>25,975</b>
Belgium	0	12,488	12,839	15,615	7,157	2,433	2,188
France	11,217	61,236	105,220	108,878	35,545	12,118	12,411
Italy	3,142	2,210	2,708	6,804	1,789	507	629
Netherlands	1,038	4,200	3,658	3,901	1,134	379	370
United Kingdom	27,996	37,192	38,871	44,144	11,800	3,703	4,353
West Germany	12,561	43,675	53,349	63,403	15,684	4,558	6,024
Other Countries	<b>2,394</b>	<b>16,978</b>	<b>19,667</b>	<b>21,020</b>	<b>8,343</b>	<b>2,713</b>	<b>2,805</b>
Argentina	0	2,340	2,816	1,870	580	101	224
Brazil	0	0	0	54	0	0	0
India	1,936	2,878	3,056	2,152	852	292	317
Pakistan	458	84	230	84	34	22	13
South Korea	0	3,477	2,897	3,776	2,717	926	1,071
China (Taiwan)	0	8,199	10,668	13,084	4,160	1,372	1,180

<sup>a</sup> Data are for gross electrical generation. Net figures are generally less than gross figures by about 5 percent, which include the energy consumed by the generating plants. Monthly data may not add to quarterly data, because monthly revisions may not be available.



USSR: Oil Production <sup>a</sup>

	Million b/d
1970	7.06
1971	7.54
1972	7.99
1973	8.58
1974	9.18
1975	9.82
1976	10.37
1977	10.92
1978	11.43
1979	11.71
1980	12.03
1981	12.18
1982	12.25
1983	
1st Qtr	12.41
2d Qtr	12.35
Jul	12.36
Aug	12.39

<sup>a</sup> Including natural gas liquids.USSR: Regional Production of Crude Oil <sup>a</sup>

	Million b/d												
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980 <sup>b</sup>	1981 <sup>b</sup>	1982 <sup>b</sup>
Total	7.06	7.54	7.99	8.58	9.18	9.82	10.37	10.92	11.43	11.71	12.03	12.18	12.25
Urals-Volga	4.17	4.23	4.30	4.43	4.46	4.52	4.50	4.42	4.29	4.03	3.82	N.A.	3.35
West Siberia	0.63	0.90	1.25	1.75	2.33	2.96	3.62	4.37	5.08	5.66	6.25	6.69	7.06
Central Asia	0.60	0.68	0.73	0.78	0.80	0.83	0.80	0.71	0.63	0.60	0.57	N.A.	N.A.
Azerbaydzhan SSR	0.40	0.38	0.37	0.36	0.35	0.34	0.33	0.31	0.30	0.29	0.28	N.A.	N.A.
North Caucasus	0.70	0.74	0.71	0.61	0.56	0.47	0.44	0.44	0.43	0.42	0.40	N.A.	N.A.
Ukrainian SSR	0.28	0.29	0.29	0.28	0.27	0.26	0.23	0.21	0.19	0.17	0.16	N.A.	N.A.
Komi ASSR	0.15	0.16	0.17	0.18	0.20	0.22	0.26	0.29	0.34	0.38	0.37	N.A.	0.41
Belorussia SSR & Baltic	0.08	0.11	0.12	0.14	0.16	0.16	0.12	0.10	0.08	0.06	0.06	N.A.	N.A.
Far East	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.05	0.06	N.A.	N.A.
Georgian SSR	Negl.	Negl.	Negl.	Negl.	Negl.	0.01	0.02	0.03	0.05	0.05	0.06	N.A.	N.A.

<sup>a</sup> Including natural gas liquids.<sup>b</sup> Preliminary.

## USSR: Imports of Oil

	Thousand b/d												
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total	90	130	180	290	110	150	140	120	160	140	NA	98	197
Middle East													
Egypt	40	40	20	4	3	5	3	0	0	0			
Iraq	0	0	80	220	78	108	116	110	126	70			
Other	50	90	80	66	29	121	21	10	34	70			

## USSR: Exports of Oil

Thousand b/d

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
<b>Total <sup>a b c</sup></b>	<b>2,110</b>	<b>2,140</b>	<b>2,380</b>	<b>2,340</b>	<b>2,600</b>	<b>2,970</b>	<b>3,130</b>	<b>3,300</b>	<b>3,280</b>	<b>3,279</b>	<b>3,225</b>	<b>3,355</b>
<b>Communist countries <sup>a b</sup></b>	<b>1,110</b>	<b>1,200</b>	<b>1,350</b>	<b>1,440</b>	<b>1,550</b>	<b>1,680</b>	<b>1,740</b>	<b>1,835</b>	<b>N.A.</b>	<b>1,991</b>	<b>2,004</b>	<b>1,813</b>
Eastern Europe	895	975	1,100	1,180	1,260	1,370	1,420	1,490	1,559	1,600	1,610	1,437
Asia	25	20	20	30	40	40	40	50	N.A.	N.A.	N.A.	N.A.
Cuba	130	140	150	155	160	175	180	190	N.A.	211	N.A.	N.A.
Yugoslavia	60	65	80	75	90	95	100	105	106	105	96	100 <sup>d</sup>
<b>Free World countries <sup>a b</sup></b>	<b>1,000</b>	<b>940</b>	<b>1,030</b>	<b>900</b>	<b>1,050</b>	<b>1,290</b>	<b>1,390</b>	<b>1,465</b>	<b>N.A.</b>	<b>1,285 <sup>c</sup></b>	<b>1,223</b>	<b>1,541</b>
of which:												
North America <sup>c</sup>	...	2	8	8	9	6	19	10	1	1	6	1
Canada	...	...	...	3	5	3	5	...	...	...	...	...
United States	...	2	8	5	4	3	14	10	1	1	6	1
Western Europe <sup>f</sup>	678	696	704	574	676	930	1,072	1,116	1,071	1,132	1,043	1,319
of which:												
Finland	171	176	187	188	138	197	212	195	205	194	198	208
France	75	66	95	23	57	72	95	104	128	168	161	140
Italy	181	182	163	113	123	206	183	172	135	138	134	172
Netherlands <sup>g</sup>	16	28	29	32	45	43	40	53	61	145	165	248
Sweden	101	92	75	67	90	76	71	86	86	47	26	49
West Germany	113	118	116	132	148	175	154	178	182	138	100	172
Middle East <sup>a b</sup>	60	50	30	30	45	56	70	55	N.A.	N.A.	N.A.	N.A.
of which:												
Egypt	32	30	7	4	5	5	4	Negl.	...	...	...	...
Greece	20	18	16	20	38	40	60	47	16	25	33	46
Africa <sup>a b</sup>	30	35	35	23	20	23	20	20	N.A.	30	33	N.A.
of which:												
Ghana	12	13	12	6	3	5	5	5	...	...	...	...
Morocco	17	19	19	13	13	13	12	12	N.A.	9	10	14
Asia <sup>a b</sup>	80	30	55	52	60	65	70	90	N.A.	85	103	105
of which:												
India <sup>a b</sup>	10	8	10	20	25	22	48	60	74	N.A.	88	90
Japan <sup>c</sup>	27	21	41	24	16	19	16	14	16	11	12	12
Latin America <sup>a b</sup>	...	...	...	25	30	21	20	20	N.A.	N.A.	N.A.	N.A.
Brazil	...	...	...	25	30	21	20	20	...	N.A.	N.A.	20

<sup>a</sup> Data for 1971-1976 are from official Soviet statistics.<sup>b</sup> Data for 1977 and 1978 are based on official Soviet data and/or collateral.<sup>c</sup> On a gross basis.<sup>d</sup> Preliminary.<sup>e</sup> OECD data are used starting in 1980 for the OECD members.<sup>f</sup> Data for 1971-1979 are based on partner country data.<sup>g</sup> Excluding Rotterdam spot sales before 1980.

## USSR: Apparent Oil Consumption

Million b/d

1970	5.23
1971	5.57
1972	6.04
1973	6.50
1974	6.97
1975	7.36
1976	7.55
1977	7.9
1978	8.3
1979	8.6
1980	8.9
1981	9.0
1982	9.1 <sup>a</sup>

<sup>a</sup> Preliminary.

USSR: Natural Gas Production <sup>a</sup>

	Billion ft <sup>3</sup> /d
1970	19.2
1971	20.5
1972	21.4
1973	22.9
1974	25.2
1975	28.0
1976	31.1
1977	33.5
1978	36.0
1979	39.4
1980	42.1
1981	45.0
1982	48.5
1983	
1st Qtr	53.0
2d Qtr	50.4
Jul	48.9
Aug	49.8

<sup>a</sup> To convert to m<sup>3</sup>/d multiply data by 0.028316847.USSR: Regional Production of Natural Gas <sup>a</sup>

	Billion ft <sup>3</sup> /d									
	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
<b>Total</b>	<b>21.4</b>	<b>22.9</b>	<b>25.2</b>	<b>28.0</b>	<b>31.1</b>	<b>33.5</b>	<b>36.0</b>	<b>39.4</b>	<b>42.1</b>	<b>45.0</b>
Central Asia & Kazakhstan	5.7	6.9	8.0	9.2	10.3	10.6	10.7	10.7	11.0	NA
Ukrainian SSR	6.5	6.6	6.6	6.6	6.5	6.3	6.1	5.8	5.4	NA
North Caucasus	2.9	2.5	2.4	2.3	2.3	2.2	2.1	2.0	1.8	NA
West Siberia	1.1	1.6	2.4	3.6	4.3	6.9	9.3	12.1	15.2	18.6
Komi ASSR	1.3	1.3	1.6	1.8	2.0	2.0	1.8	1.8	1.7	NA
Azerbaydzhan SSR	0.7	0.8	0.9	1.0	1.1	1.2	1.2	1.2	1.2	NA
Urals-Volga and other producing regions in the RSFSR	3.2	3.2	3.3	3.5	4.6	4.3	4.8	5.8	5.8	NA

<sup>a</sup> To convert to m<sup>3</sup>/d multiply data by 0.028316847.USSR: Natural Gas Trade <sup>a</sup>

	Billion ft <sup>3</sup> /d								
	1974	1975	1976	1977	1978	1979	1980	1981	1982
Exports	1.4	1.9	2.5	2.9	3.9	4.6	5.3	6.0	5.9
Eastern Europe	0.8	1.1	1.2	1.4	1.5	2.0	2.8	3.0	3.2
Bulgaria	Negl.	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
Czechoslovakia	0.3	0.4	0.4	0.5	0.5	0.7	0.8	0.8	0.9
East Germany	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.6	0.6
Hungary	...	0.1	0.1	0.1	0.1	0.2	0.4	0.4	0.4
Poland	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.5	0.5
Romania	...	...	...	...	...	Negl.	0.1	0.1	0.1
Yugoslavia	...	...	...	Negl.	Negl.	0.1	0.2	0.2	0.2
Western Europe	0.5	0.8	1.3	1.5	2.4	2.6	2.5	3.0	2.7
Austria	0.2	0.2	0.3	0.2	0.3	0.3	0.2	0.3	0.3
Finland	Negl.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
France	...	...	0.1	0.2	0.3	0.3	0.4	0.6	0.4
Italy	0.1	0.2	0.4	0.5	0.9	0.9	0.7	0.8	0.9
West Germany	0.2	0.3	0.4	0.5	0.8	1.0	1.1	1.2	1.0
Imports	1.2	1.2	1.1	1.1	0.9	0.6	0.3	0.2	0.2
Afghanistan	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Iran	0.9	0.9	0.9	0.9	0.7	0.4	0.1	...	...

<sup>a</sup> To convert to m<sup>3</sup>/d multiply data by 0.028316847.

USSR: Apparent Consumption of Natural Gas <sup>a</sup>

	Billion ft <sup>3</sup> /d
1970	19.2
1971	20.9
1972	21.9
1973	23.3
1974	25.0
1975	27.3
1976	29.6
1977	31.7
1978	33.0
1979	35.3
1980	36.9
1981	39.3

<sup>a</sup> To convert to m<sup>3</sup>/d multiply data by 0.028316847.

## Eastern Europe: Oil Production and Consumption

	Thousand b/d											
	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
<b>Production</b>	<b>393</b>	<b>404</b>	<b>410</b>	<b>417</b>	<b>423</b>	<b>430</b>	<b>429</b>	<b>406</b>	<b>383</b>	<b>369</b>	<b>372</b>	<b>374<sup>b</sup></b>
Bulgaria	6	5	4	3	2	2	3	5	3 <sup>b</sup>	3 <sup>b</sup>	3 <sup>b</sup>	3 <sup>b</sup>
Czechoslovakia	4	4	3	3	3	3	2	2	2	2	2 <sup>b</sup>	2 <sup>b</sup>
East Germany	1	1	1	1	1	1	1	1	1	1 <sup>b</sup>	1 <sup>b</sup>	1 <sup>b</sup>
Hungary	39	40	40	40	40	43	44	44	41	41	40	41
Poland	8	7	8	11	11	9	7	7	7	7	6	6 <sup>b</sup>
Romania	276	283	286	290	292	294	293	265	246	230	232	234
Yugoslavia	59	64	68	69	74	78	79	82	83	85	88	87
<b>Consumption <sup>a</sup></b>	<b>1,386</b>	<b>1,556</b>	<b>1,759</b>	<b>1,794</b>	<b>1,915</b>	<b>2,056</b>	<b>2,216</b>	<b>2,349<sup>b</sup></b>	<b>2,417<sup>b</sup></b>	<b>2,354<sup>b</sup></b>	<b>2,204</b>	<b>N.A.</b>
Bulgaria	207	217	245	262	256	265	284	295 <sup>b</sup>	300 <sup>b</sup>	303 <sup>b</sup>	303 <sup>b</sup>	N.A.
Czechoslovakia	236	256	300	314	326	353	383	379	386	372	365	N.A.
East Germany	203	262	276	273	286	315	341	364	373	385	380	N.A.
Hungary	143	162	178	187	217	227	228	244	243	214	198	N.A.
Poland	190	213	266	260	308	322	359	370	388	391	340	321
Romania	238	251	274	263	283	319	348	394	395	374	333	332
Yugoslavia	169	195	220	235	239	255	273	303	332	315	285	276 <sup>b</sup>

<sup>a</sup> Consumption and crude oil equivalent.

<sup>b</sup> Estimated.

Eastern Europe: Oil Trade											Thousand b/d	
	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
<b>Crude Oil <sup>a</sup></b>												
<b>Imports</b>	<b>1,009</b>	<b>1,202</b>	<b>1,369</b>	<b>1,422</b>	<b>1,551</b>	<b>1,735</b>	<b>1,857</b>	<b>2,019</b>	<b>2,108 <sup>b</sup></b>	<b>2,135 <sup>b</sup></b>	<b>1,970 <sup>b</sup></b>	<b>N.A.</b>
Bulgaria	151	166	193	213	209	217	235	253	270 <sup>b</sup>	280 <sup>b</sup>	280 <sup>b</sup>	N.A.
Czechoslovakia	230	251	284	293	317	342	366	372	377	385	370	N.A.
East Germany	218	297	321	329	340	361	381	398	414	438	455	N.A.
Hungary	98	121	131	136	169	177	171	198	193	167	155	176
Poland	157	194	223	212	266	302	328	332	332	327	270	264
Romania	57	57	83	91	102	170	177	258	286	319	254	218
Yugoslavia	98	116	134	148	148	166	193	208	236	219	186	170
<b>Petroleum products</b>												
<b>Imports</b>	<b>155</b>	<b>162</b>	<b>180</b>	<b>180</b>	<b>173</b>	<b>170</b>	<b>196 <sup>b</sup></b>	<b>210 <sup>b</sup></b>	<b>214 <sup>b</sup></b>	<b>224 <sup>b</sup></b>	<b>205 <sup>b</sup></b>	<b>N.A.</b>
Bulgaria	52	48	48	47	45	47	47 <sup>b</sup>	47 <sup>b</sup>	47 <sup>b</sup>	50 <sup>b</sup>	50 <sup>b</sup>	N.A.
Czechoslovakia	20	22	26	27	22	23	25	22	19	18	18	N.A.
East Germany	4	11	2	2	3	2	4	2	3	7	7	N.A.
Hungary	16	15	20	21	19	19	31	39	40	39	32	N.A.
Poland	46	47	62	61	64	65	67	69	78	88	79	63
Yugoslavia	17	19	22	22	20	14	22	31	27	22	19	25 <sup>b</sup>
<b>Exports</b>	<b>184</b>	<b>224</b>	<b>205</b>	<b>240</b>	<b>245</b>	<b>292</b>	<b>276 <sup>b</sup></b>	<b>269</b>	<b>263</b>	<b>328</b>	<b>307</b>	<b>N.A.</b>
Czechoslovakia	18	21	13	10	15	14	11	11	14	26	20	N.A.
East Germany	20	47	48	59	58	49	45	39	44	60	82	N.A.
Hungary	10	14	13	10	11	12	18	10	12	17	18	N.A.
Poland	22	35	27	24	32	54	44	38	30	31	16	12
Romania	108	103	109	132	125	159	137	153	148	183	163	130
Yugoslavia	6	4	4	5	4	4	21 <sup>b</sup>	18	15	11	8	6 <sup>b</sup>

<sup>a</sup> Crude oil exports are small.<sup>b</sup> Estimated.

Eastern Europe: Natural Gas Production and Consumption <sup>a</sup>											Billion ft <sup>3</sup> /d	
	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
<b>Production</b>												
Bulgaria	Negl.	Negl.	Negl.	Negl.	Negl.	Negl.	Negl.	Negl.	Negl.	Negl.	Negl.	Negl.
Czechoslovakia	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1 <sup>b</sup>
East Germany	0.3	0.5	0.7	0.7	0.7	0.8	0.8	0.8 <sup>b</sup>	0.8 <sup>b</sup>	0.8 <sup>b</sup>	0.8 <sup>b</sup>	0.8 <sup>b</sup>
Hungary	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.6	0.6	0.6	0.6
Poland	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.8	0.7	0.6	0.6	0.5
Romania	2.5	2.6	2.7	2.8	3.1	3.3	3.4	3.3	3.1	3.2	3.4	3.4 <sup>b</sup>
Yugoslavia	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
<b>Consumption</b>												
Bulgaria	Negl.	Negl.	Negl.	Negl.	0.1	0.2	0.3	0.3	0.4	0.4 <sup>b</sup>	0.4 <sup>b</sup>	0.4 <sup>b</sup>
Czechoslovakia	0.3	0.3	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9 <sup>b</sup>	0.9 <sup>b</sup>	0.9 <sup>b</sup>
East Germany	0.3	0.5	0.8	1.0	1.0	1.2	1.2	1.2	1.2	1.4	1.4	1.4 <sup>b</sup>
Hungary	0.4	0.4	0.5	0.5	0.6	0.7	0.8	0.8	0.9	1.0	1.0	1.0
Poland	0.7	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.1	1.1
Romania	2.5	2.6	2.7	2.8	3.0	3.3	3.4	3.3	3.2 <sup>b</sup>	3.3 <sup>b</sup>	3.5	3.5 <sup>b</sup>
Yugoslavia	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3 <sup>b</sup>	0.4 <sup>b</sup>	0.4 <sup>b</sup>

<sup>a</sup> To convert to m<sup>3</sup>/d, multiply data by 0.028316847.<sup>b</sup> Estimated.

Eastern Europe: Natural Gas Trade <sup>a</sup>											Million ft <sup>3</sup> /d	
	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
<b>Imports</b>	<b>331.5</b>	<b>353.4</b>	<b>490.4</b>	<b>843.9</b>	<b>1,120.6</b>	<b>1,356.1</b>	<b>1,506.2</b>	<b>1,619.1</b>	<b>2,155.5 <sup>b</sup></b>	<b>2,719.8 <sup>b</sup></b>	<b>2,756.7 <sup>b</sup></b>	<b>2,811.1 <sup>b</sup></b>
Bulgaria	...	...	...	30.1	115.1	216.4	279.5	329.2	377.3 <sup>b</sup>	387.0 <sup>b</sup>	425.7 <sup>b</sup>	435.4 <sup>b</sup>
Czechoslovakia	161.6	189.0	230.1	315.1	369.9	449.3	499.8	554.0	710.6	805.3	828.6	822.4 <sup>b</sup>
East Germany	5.5	Negl.	76.7	279.0	312.3	326.0	343.6	350.0	418.9	622.2	606.2	628.9 <sup>b</sup>
Hungary	19.2	19.2	19.2	19.2	79.5	117.8	116.4	119.5	263.4	391.4	387.2	380.6
Poland	145.2	145.2	164.4	205.5	243.8	246.6	266.9	266.4	385.3	513.9	509.0	543.8
<b>Exports</b>	<b>34.1</b>	<b>32.9</b>	<b>28.3</b>	<b>23.4</b>	<b>22.5</b>	<b>25.1</b>	<b>25.1</b>	<b>27.6</b>	<b>25.8</b>	<b>23.9</b>	<b>22.7</b>	<b>N.A.</b>
Czechoslovakia	11.9	11.4	9.5	3.5	3.7	5.7	5.5	8.2	6.4	4.5	3.3	N.A.
Romania	19.4	19.4	18.8	19.9	18.8	19.4	19.6	19.4	19.4	19.4	19.4	19.4
Yugoslavia	2.8	2.1	Negl.	...	...	...	...	...	...	...	...	...

<sup>a</sup> To convert to m<sup>3</sup>/d, multiply by 0.028316847.<sup>b</sup> Estimated.

PRC: Crude Oil Production and Oil Exports										Thousand b/d	
	1975	1976	1977	1978	1979	1980	1981	1982	1983		
Production	1,542	1,736	1,874	2,082	2,112	2,118	2,024	2,040	2,109 <sup>b</sup>		
Exports <sup>a</sup>	194	170	182	226	267	257	277	294	262 <sup>c</sup>		
Japan	157	121	132	150	147	157	178	179	N.A.		
Brazil	0	0	0	1	16	20	20	20 <sup>b</sup>	N.A.		
Romania	5	9	10	20	20	20	18	17 <sup>b</sup>	N.A.		
United States	0	0	0	0	11	2	0	18	N.A.		
Philippines	8	11	17	23	20	20	10	7 <sup>b</sup>	N.A.		
Other	24	29	23	32	53	38	51	53	N.A.		

<sup>a</sup> Excludes petroleum products.<sup>b</sup> Jan-Sep.<sup>c</sup> Jan-Jun.